KORY FRANKEE

Pi-shaped engineer specializing in software & computer vision engineering

Currently seeking roles where I can use **professional industry-standard techniques and technologies** to meet a demand for talented professionals with **mathematics and programming skills** that are versatile**.** I have an interest in developing client-side and server-side applications for a target platform, databases, and data reports. Within this role, I'd like to develop senior-level expertise over time and following this, to have a technical leadership position. I'm comfortable with **writing process, technical, or user documentation** as well as with **managing the corporate knowledge base** if needed.

AVAILABILITY FOR WORK

- Have full working rights in Australia. Australian born citizen
- Have a driver's license and car so able to commute to-from work or between work sites faster
- Free part-time during university semesters while I'm a university student at Flinders University. Free full-time otherwise.
- Open to local work in Adelaide, South Australia and remote work

CONTACTS / PROFILES

- **E-mail:** hirekory@pm.me
- **Phone number:** [To add]
- **LinkedIn:** https://www.linkedin.com/in/koryfrankee/

COMPLIANCE REQUIREMENTS MET

- Cleared to work in roles requiring background checks and screening (E.g. Working with children & NDIS worker check)
- Compliant with all relevant laws, policies, and procedures to role
- Have experience properly handling sensitive PII information (E.g. Financial & Health information)

Willing to complete any background checks on an as needed basis

WORK HISTORY

Looking to gain more work experience in technically challenging roles

SOFTWARE ENGINEERING INTERN

Novita Services| novita.org.au 2025

- I developed solutions for executive leadership and finance department staff at Novita that could better respond to the needs of the business than the existing systems in place, improving operational efficiency and reducing operational risk

TECHNICAL FOUNDER

Hopping Forwards| hoppingforwards.com Since 2024

My own business that I run in the time remaining **after** allocating time for studying and/or working full-time.

- I produce human-centered educational software from concept to completion, create and share industry-relevant content through in-person events and a YouTube channel, and build bespoke STEM solutions for business and non-profit clients

EDUCATION

BACHELOR OF SOFTWARE ENGINEERING (HONORS) 2022-present

Flinders University | Adelaide

My GPA is in the upper ranges of between 6 to 7 of 7

I received a Chancellor's Letter of Commendation in recognition of excellent academic performance.

I obtained an award for displaying excellent innovation and creativity in the design of a game.

I developed disciplinary expertise in my final honors year.

BACHELOR OF COMPUTER SCIENCE & DIPLOMA IN ARTS (MAJOR IN PHILOSOPHY) (PARTIAL) 2017-2019

University of Adelaide | Adelaide

With the high GPA that I had, I was able to enter the advanced versions of the degrees offered.

I paused my studies in 2019 due to serious health issues I had at the time.

SOUTH AUSTRALIAN CERTIFICATE OF EDUCATION 2016

Nazareth Catholic College | Flinders Park

I obtained an ATAR of 82.75/99.95 and subject award for IT in year 12 for outstanding academic achievement.

Began a long-standing interest in studying IT since at least 2014 when I took 4 subjects in this as electives

CERTIFICATIONS

NETWORK ASSOCIATE 2025

Cisco

CYBEROPS ASSOCIATE 2024

Cisco

CAREER INTERESTS

ACTIVITIES

- Developing open source applications, creating something of value to communities I'm involved in
- Developing careware, encouraging donations to charities such as the Australian Wildlife Conservancy (AWC)
- Exploring the applications of AI, particularly where it pertains to computer vision
- Engaging with technical books so I can leverage this knowledge to enhance solutions
- Identifying gaps in the market and developing innovative technological solutions
- Leading a development team on business projects, coordinating with others to meet desired outcomes
- Managing business projects, ensuring everything is accounted for
- Getting mentoring from industry experts to help advance my skills to meet industry expectations
- Creating content in the form of blog posts and tutorial videos, engaging others and sharing what I know
- Contributing to real-world projects alongside industry professionals, applying my knowledge
- Building my personal brand to showcase my technical expertise
- Developing knowledge base articles to capture and expand upon what I know.
- Seeing what's new in the tech world and using it if I'm interested in it and a suitable opportunity arises
- Stayed informed about the latest cybersecurity alerts and advice on the basis of this
- Working with one's hands and with machines to make tangible things, seeing the results of one's labor in the real-world

PROJECTS I'M INVESTING IN (FREE TIME)

- Educational software
- Educational teaching materials
- Identification verification system
- Knowledge management system
- Life management system
- Payment system
- Project management information system

PORTFOLIO

I am working on building up a portfolio so I can demonstrate my depth of knowledge through projects I've worked on.

- ***Highlighted business project:*** A dance learning platform where dance teachers can make videos available to dance students for purchase. I'm working on a mobile app, website, and server-side app and on deploying this so it's production-ready.
- ***Highlighted community project:*** A combat results calculator for an Age of Empires II themed board game using Qt Widgets for the UI, C++ for the logic, and SQLite for the DB. A video showing the basics of combat (card interactions can change the calculations) is here https://youtu.be/oxW-76J-t64?t=1124. Had to meet and understand strict specifications (the rules)
- ***Highlighted industry project:*** A suite of financial software (semi-automated accounts receivable, debt recovery, financial awareness, and agency claiming software) for the finance department at Novita Services
- ***Highlighted university project:*** A virtual dance tutor that from a video, can evaluate a dancer's technique and musicality.

INDUSTRIES THAT INTEREST ME

- Agricultural industry
- Automotive industry
- Education industry
- Financial industry
- Health industry
- Performing arts industry
- Manufacturing industry
- Medical industry
- Sports industry
- Travel industry
- Wildlife conservation industry

WORKING ENVIRONMENTS I THRIVE IN

- Agile work environments
- Collaborative work environments
- Creative work environments
- Fast-paced work environments
- Lean more towards preferring flexible over structured environments (more freedom), but use to both.
- Lean more towards preferring remote over social environments (more productive), but use to both.
- Inclusive work environments
- Learning environments
- Results-oriented work environments
- Scale-up work environments
- Startup work environments
- Supportive work environments

ROLE EXPECTATIONS

- Fairly compensated
- Growth opportunities
- High autonomy
- Low emotional labor
- Physically safe
- Psychologically safe

I am drawn to roles requiring more rather than less responsibilities as long as this is formal (matching compensation and title)

ROLES THAT INTEREST ME

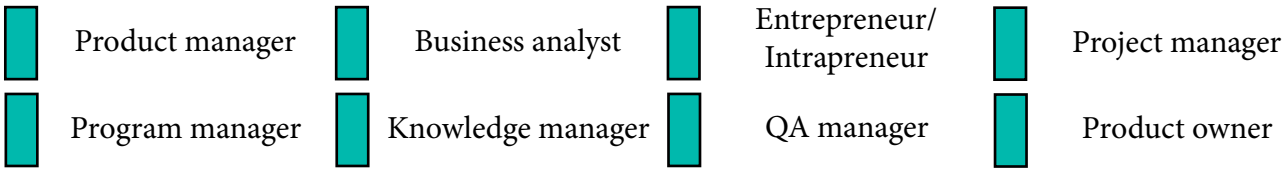
I am primarily interested in applying myself to STEAM (Science, Technology, Engineering, Arts, and Mathematics) and business roles. This includes roles I have less work experience in. I'm interested in both broadening my expertise as a generalist and deepening my expertise with a focus on specializing in software and computer vision engineering.

Part of being good at coming up with solutions is understanding the domain well. My value as a knowledge worker is also tied to how much I know. So rest assured, when the problem calls for it, I do seek out knowledge outside of my core discipline (e.g. business, health sciences, education studies, humanities, creative arts, and information sciences knowledge). Of course for intimate knowledge of other fields as opposed to task relevant knowledge, it's best to leave this to professionals in that field.

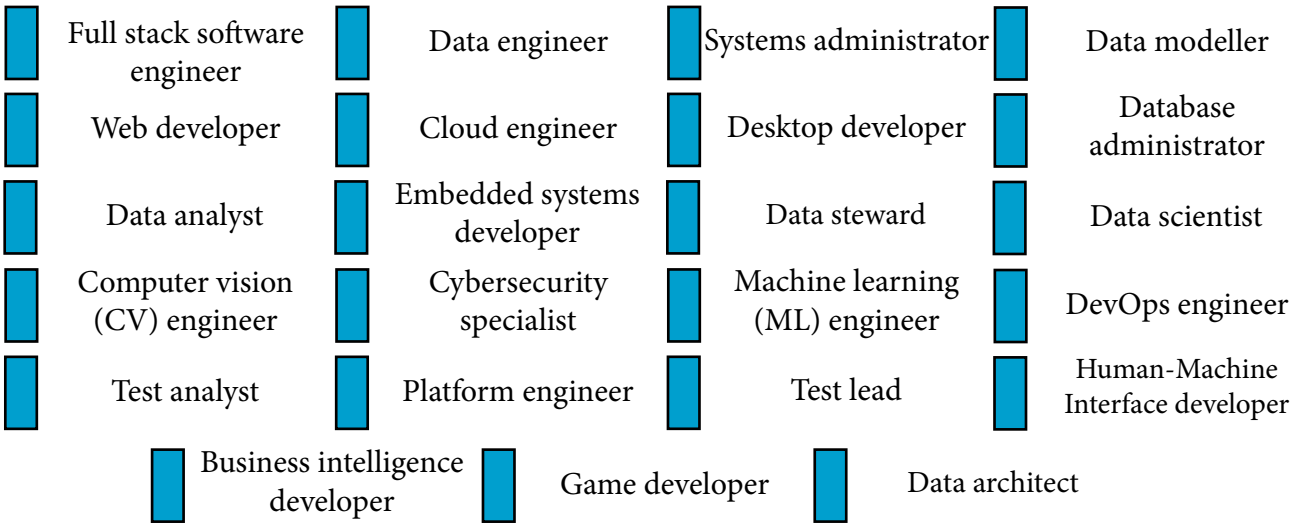
HIGH-LEVEL ROLES

Creator (original), Maker (unoriginal), Problem solver, Instructor, Leader, Manager, Organizer, Questioner, Researcher, Persuader, Strategist

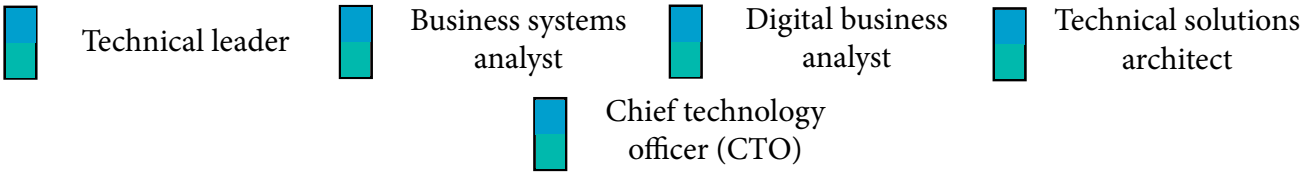
BUSINESS ROLES



TECH-IMPLEMENTATION ROLES



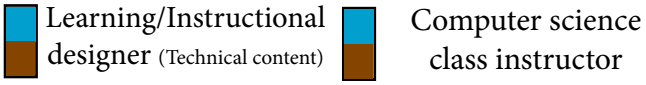
HYBRID BUSINESS/TECH-OVERSIGHT ROLES



HYBRID TRADE/TECH-ENABLED ROLES

HYBRID DESIGN/TECH-ENABLED ROLES

HYBRID TEACHING/TECH-EXPLAINING ROLES



People-wise, I don't mind explaining things to people, especially if it's done more impersonally.

WRITING ROLES

SKILLS LIST

I use this list to perform a skills gap analysis between skills I have and job requirements. I invest a lot towards developing my capabilities.

COLOR CODING

■ Knowledgeable of this

SYMBOLS

★ **What I have hands-on experience of using to an advanced degree**

† **What doesn't align with where I'd like to take my career**
(E.g. Technologies that are being phased out, are too new to be production-grade, or that hinder long-term skill development)

> **What I assign more credence to amongst dissimilar concepts**

STEM skills: I've applied these skills within the education and wellness and fitness services industries

- ***Applying ethical principles to systems design:*** Sustainability, Equity, Societal impact
- ***Atomic design of UI components***
- ***Automating business processes***
- ***Back-end development skills***
- ***Building virtual topologies skills***
- ***Cloud engineering skills***
- ***Computer process management***
- ***Configuring desktop environment skills***
- ***Configuring network hardware skills:*** Routers, Switches
- ***Creating accessible software skills***
- ***Creating and developing REST APIs***
- ***Creating and understanding DB documentation:*** Schema diagrams (ER/UML static class), Data dictionaries
- ***Creating and understanding software diagrams:*** Client-Server interaction diagrams, State machine diagrams, Structure charts, Data flow diagrams (level 0/context diagram and level 1), Use case diagrams
- ***Creating and understanding software documentation:*** Technical specifications documentation, Developer notes
- ***Creating complex spreadsheets***
- ***Database building skills***
- ***Data analysis skills***
- ***Data backup and restore skills***
- ***Data cleanup skills***
- ***Data gathering skills***
- ***Data modeling skills***
- ***Data reporting skills***
- ***Data transformation skills***
- ***Data validation skills***
- ***Data visualization skills***
- ***Declarative programming skills***
- ***Deploying code to end-user platforms:*** Ubuntu Server, Windows, Android, Flinduino (PIC32MX250F128D)
- ***Debugging skills***
- ***Desktop development skills***
- ***Developing a coastal rehabilitation strategy***
- ***Dynamic web development skills***
- ***Electrical engineering skills:*** Digital electronics, Analog electronics, Micro-controller programming
- ***Evaluating offerings of web hosting and cloud providers***
- ***Event-driven programming skills***
- ***Following technical procedures***
- ***Forecasting data using AI skills***
- ***Front-end development skills***
- ***Functional programming skills***
- ***Imperative programming skills***
- ***Implementing methods and frameworks from well-established and emerging research papers skills***
- ***Integrating databases with websites***
- ***Mathematics (undergraduate level):*** Studied math texts such as *"Discrete mathematics with applications" (Epp)*, *"Calculus"* (Stewart), and *"Introduction to probability models"* (Ross) as part of my undergraduate studies
- ***Mathematical abilities:***
  - ***Algebra:*** Linear algebra, Abstract algebra
  - ***Calculus:*** Differential calculus, Integral calculus, Series and sequences, Vector calculus
  - ***Discrete mathematics:*** Propositional and predicate logic, Proof techniques, Set theory and relations, Functions, Combinatorics, Graph theory, Recursion and induction, Algorithms and complexity, Boolean algebra, Introductory number theory
  - ***Differential equations:*** Ordinary differential equations, Systems of ODEs
  - ***Statistics:*** Descriptive statistics, Inferential statistics, Correlation and covariance, Model evaluation
  - ***Geometry:*** Vector geometry, Analytic geometry
  - ***Probability Theory:*** Foundations, Conditional probability, Distributions, Counting, Recurrence relations

- ***Managing data persistence***
- ***Managing unexpected errors in code***
- ***Mobile application development skills***
- ***Modular programming skills***
- ***Network testing skills***
- ***Object-oriented programming skills***
- ***Parallel programming***
- ***Performance analysis skills***
- ***Prompt engineering***
- ***Resolving software-related issues with computers skills:*** Resolving causes of system / program crashes, freezes, instability
- ***Search engine optimization (SEO) skills***
- ***Setting up SSH tunnel***
- ***Software localization***
- ***Software testing skills:*** Designing, Implementing, Documenting, Evaluating the effectiveness of tests. Tracing code execution.
- ***System administration skills:*** Linux and Windows systems
- ***Subnetting***
- ***Troubleshooting skills***
- ***User access management***
- ***Working to software architectural patterns:*** Controller-Service-Repository, Model-View-Controller, Observer
- ***Working with algorithms:*** Depth-first search (DFS), Topological sort, Breadth-first search (BFS), Dijikstra, Knuth-Morris-Pratt (KMP) search, Boyer-Moore search, Brute force search, Levenshtein, Insertion Sort, Selection Sort, Bubble Sort, Quicksort, Merge Sort, The Game of Life algorithm, Singular Spectrum Analysis (SSA), Linear regression, Linear search, Hierarchical Navigable Small World (HNSW), Token bucket
- ***Working with APIs:*** AWS APIs {Translate, Polly, Comprehend}, OpenWeatherMap API, Google APIs {Directions, reCAPTCHA}, Open Street Map API, Telegram bot API, Bunny.net API, ClickUp API, Azure APIs {Microsoft Graph API}, DropBox API, GitHub API, Tawk.to API, U.S. National Library of Medicine (NLM) APIs {RxNorm, UMLS}
- ***Working with API platforms:*** SmartBear Swagger, Scalar
- ***Working with API tools:*** Postman, Bruno
- ***Working with authentication protocols:*** OAuth 2.0
- ***Working with build systems:*** make, Cmake 3.22, Qmake, Vite
- ***Working with CI/CD tools:*** GitHub Actions
- ***Working with classes:*** FPDF
- ***Working with cloud platforms:*** Amazon Web Services {Amplify, Cognito, Elastic Compute Cloud (EC2), Relational Database Service (RDS), Simple Email Service (SES), Web Application Firewall (WAF), Route 53, Certificate Manager, Billing & Cost Management, Virtual Private Cloud (VPC), Identity and Access Management (IAM), IAM Identity Center, Object storage service (S3), CloudWatch, Simple Notification Service (SNS), Command Line Interface (CLI), Shield, Organizations, Polly, Comprehend, Translate, DocumentDB, Lambda, Secrets Manager, Key Management Service (KMS), API Gateway}, Google Cloud Platform {Google Identity Platform}, Bunny.net {Stream}, Microsoft Azure {App Registration, AI Document Intelligence, Enterprise Applications, Blob Storage, Entra ID, Key Vault, SQL Database, Subscriptions, Users, Azure Container Registry, Azure Container Apps, Azure Application Insights}
- ***Working with code editing tools:*** vim, nano
- ***Working with code coverage tools:*** gcov, lcov
- ***Working with compilers:*** GCC
- ***Working with containerization tools:*** Docker, Visual Studio Container Tools
- ***Working with content management systems:*** Sanity CMS
- ***Working with data formats:*** CSV, JSON, TOML, GraphML, XML, YAML
- ***Working with data structures:*** Array, Dynamic array, Linked list, Stack, Queue, Binary Tree, Graphs {Edge List, Adjacency Matrix, Adjacency List {Directed, Undirected}}, Binary Heap, Hash map, Trie
- ***Working with database CLI tools:*** MySQL CLI
- ***Working with database IDEs:*** MySQL Workbench, DB Browser for SQLite, Azure Data Studio, SQL Server Management Studio, SQL Server Data Tools for Visual Studio, JetBrains IDEs {DataGrip}, MongoDB Compass
- ***Working with database management systems (DBMS):*** MySQL 8.0 ★, MariaDB, MongoDB, SQLite ★, Transact-SQL (T-SQL), Neo4j, Redis, ArrangoDB
- ***Working with debugging tools:*** GDB
- ***Working with e-mail protocols:*** SMTP
- ***Working with file management protocols:*** FTP(s), SFTP, SCP, FXP
- ***Working with file analysis tools:*** ExifTool, HxD Hex Editor
- ***Working with frameworks:*** Qt {Core, GUI, Widgets, QML, Quick, QuickControls2, SQL, PDF, Location, Multimedia, Positioning, LinguistTools, WebView, PySide}, Express.js, Mocha, Zombie.js, Symfony, .NET 10.0, ASP.NET Core {Blazor Server, Blazor WebAssembly}, Bootstrap, Flask {APIFlask}
- ***Working with game engines:*** Unity (basics), Game Maker †, Roblox †
- ***Working with game modding tools:*** SLX Studio, SMX Workshop Beta
- ***Working with game scenario editors:*** Bang engine scenario editor, StarEdit
- ***Working with interactive computational environments:*** RStudio
- ***Working with languages:*** Bash, PowerShell, C++ 23 {STL}, C, QML, Processing, Power Query M formula language, Arduino programming language, Python 3.14, C# 14, Java, HTML, CSS, PHP 8.4, SQL, TypeScript (TS) {JavaScript (JS)}, Markdown, TeX/LaTeX, Handlebars, R, Cisco IOS CLI commands, Excel Formula Language, ActionScript3 †, Visual Basic †, Visual Basic for Applications (VBA) †, Microsoft Power Fx †, Scratch †, Microsoft Power Platform CLI †

- ***Working with libraries:*** POCO, Crow, libcrypt, fmt, Chai.js, TOML++, argparse, OpenSSL, Minim, Google Test, JUnit, PHPMailer, TwoFactorAuth, he, Luxon, FullCalendar, Nodemailer, mysql2, express-handlebars, dotenv, bcrypt.js, SuperTest, cookie-parser, body-parser, express-session, Chart.js, EmailValidator, Google Cloud Recaptcha Enterprise, Gmagick, jQuery †, Cheerio, AWS SDK for JavaScript, AWS SDK for C++, GraphStream, Swing, JDOM, BlazorDatasheet, FluentAssertions, Microsoft.Data.SqlClient, Dapper, Sep, Tomlyn, Fastenshtein, PdfPig {tabula-sharp}, CSVHelperCS, Microsoft Outlook 16.0 Object Library, Blazor-ApexCharts, Excubo.Blazor.Canvas, Frappe Gantt, jsPDF, html2canvas, OrgChartJS, ProgressBar.js, HtmlAgilityPack, DocumentFormat.OpenXml, Financial-Formulas-Library-.NET-Standard, Microsoft.Ml.*, Azure SDK for C#, Microsoft.Identity.*, Microsoft.Kiota.*, Microsoft Graph SDK, Radzen Blazor components, Microsoft.AspNetCore.SignalR.Client, QuestPDF, Mermaid.js, Qt QR Code Generator, xUnit, bUnit, OpenTelemetry, MudBlazor, flexsearch, React, pymysql, pymongo, AWS SDK for Python (Boto 3), cryptography, PyMuPDF, numpy, faiss, spaCy, requests, python-dotenv
- ***Working with link validation tools:*** LinkChecker
- ***Working with load testing tools:*** Grafana k6
- ***Working with log visualization tools:*** Grafana
- ***Working with mail servers:*** Dovecot
- ***Working with network simulation tools:*** Cisco Packet Tracer
- ***Working with network traffic analysis tools:*** Wireshark
- ***Working with network security tools:*** Nmap,Uncomplicated Firewall (UFW), Kibana, ClamAV, Linux Malware Detect, rkhunter
- ***Working with no/low-code tools:*** Microsoft Power Automate, Microsoft Power Apps †, Node-RED †
- ***Working with package management tools:*** npm, Composer, Webpack, NuGet, pip
- ***Working with packages (an R concept):*** mongolite, tidyverse, reshape2, plotly, ggrepel, waffle, R6, ggcorrplot, sqldf, colourvalues, car, devtools, sf, rnaturalearth, rnaturalearthhires, ggiraphExtra
- ***Working with remote system access protocols:*** SSH
- ***Working with runtime environments*** Node.js
- ***Working with screen sharing tools:*** scrcpy
- ***Working with server connection tools:*** PuTTY, FileZilla, MobaXterm
- ***Working with services for generative AI applications:*** GitHub Copilot, JetBrains Junie
- ***Working with services for generative AI models:*** ChatGPT, Thetawise
- ***Working with services for writing regular expressions:*** Regex101
- ***Working with static site generators:*** Docusaurus
- ***Working with marketing tools:*** Google Marketing Platform {Google Analytics}
- ***Working with software development IDEs:*** Visual Studio, Visual Studio Code, Qt Creator, Arduino IDE, SciTE, JetBrains IDEs {CLion, IntelliJ Idea, PhpStorm, PyCharm, WebStorm, GoLand}
- ***Working with version control systems:*** Git, Subversion
- ***Working with video processing tools:*** FFmpeg
- ***Working with virtualization tools:*** VirtualBox
- ***Working with virus checking tools:*** VirusTotal
- ***Working with web authoring tools:*** Adobe Dreamweaver †
- ***Working with web protocols:*** HTTP/2, WebSockets
- ***Working with web administration tools:*** cPanel, Webuzo, phpMyAdmin
- ***Working with web hosting service provider plans:*** Shared hosting, Unmanaged VPS hosting
- ***Working with web servers:*** Apache, Nginx

Arts skills: I've applied these skills within the education industry

- ***Application of dance partnering techniques skills***
- ***Brainstorming:*** Coming up with concept diagrams and mind maps
- ***Producing UX deliverables:*** User research (e.g. Finding out about needs, goals, challenges, likes, dislikes, expectations, fears, beliefs, objections, buying habits, pain points, desired outcomes, and demographics of users), Experience maps, Use case diagrams, Wireframes, Task flows, User flows, Mood boards
- ***UI/UX design skills:*** Responsive design
- ***Working with 3D modeling tools:*** Wings 3D †
- ***Working with cameras:*** Fuji X-series
- ***Working with color picking tools:*** JcPicker
- ***Working with graphic design tools:*** Adobe InDesign
- ***Working with ideation tools:*** Draw.io, XMind, Miro
- ***Working with image editing tools:*** Adobe Photoshop
- ***Working with multimedia conversion tools***
- ***Working with video editing tools:*** Adobe Premiere Pro
- ***Working with UI designing tools:*** Figma, Adobe XD †
- ***Writing pseudo code and translating this into actual code***

Business skills: I've applied these skills within the education and wellness and fitness services industries

- ***Brand consistency skills***
- ***Business analysis skills:*** Understanding the current state of ICT systems and practices in an organization and determining ICT gaps based on the organization's strategic objectives, and identifying viable opportunities to positively impact the organization
- ***Business process improvement skills***
- ***Creating and understanding business process documentation***
- ***Creating and understanding software documentation:*** Software requirements specification (SRS)
- ***Community engagement skills***

- ***Diagramming business processes and work-related tasks at a high and low-level:*** Activity diagrams
- ***Product strategy skills***
- ***Project management skills:*** Resource management, Risk management, Scope management, Stakeholder communications management, Finance management {Cost management}, Time management {Schedule management}, Task management, Procurement management, Contract management, People management, Meeting management, Quality management, Integration management
- ***Project planning skills***
- ***Producing project management deliverables:*** Feasibility reports, Stakeholder register, Value proposition canvas, Business model canvas, SWOT analysis, Project canvas, Work breakdown structure, Responsibility assignment matrix, RACI chart, Risk register, Cost Breakdown Structure, Resource Breakdown Structure, Kanban Board, Release schedule, Business case, Project charter, Product roadmap, Issue log, Team performance dashboard, Root cause analysis, Vendor scorecard, Quality audit
- ***Regulatory compliance skills***
- ***Requirements analysis skills***
- ***Requirements gathering skills***
- ***Understanding business needs skills***
- ***Utilizing project management methodologies:*** Iterative & incremental approach (Agile), Structured approach (Prince2, PMBOK), Flow-based (Kanban)
- ***Writing business documents:*** Business plans, Business cases
- ***Working with accounting tools:*** QuickBooks
- ***Working with marketing tools:*** Buffer, Brevo, Google Business Profile

Humanities
- ***Advanced comprehension skills:*** Understanding English at a scholarly level
- ***Argument analysis***
- ***Application of philosophical frameworks***
- ***Diagramming arguments:*** Argument maps
- ***Engaging in thought experiments:*** Veil of ignorance (John Rawls), Drowning child (Peter Singer), The Trolley Problem and its variations (Philippa Foot and Judith Thomson), The Experience Machine (Nozick), Mary's Room (Jackson), Prisoner's Dilemma (Merrill Flood & Melvin Dresher), Chinese Room (Searle), etc.
- ***Mathematics (undergraduate level):*** Studied math texts such as *"forallx Adelaide"* (Eagle)
- ***Mathematical logic skills***
- ***Persuasion skills (reasons-based)***
- ***Philosophical inquiry***
- ***Studied epistemology:*** Evidentialism >, Positivism > {Methodological naturalism {The scientific method {Hypothetico-Deductive Model {Empiricism} } } }, Rationalism >
- ***Studied ethics:*** Ethical frameworks {Consequentialism {Welfarism {Utilitarianism {Preference >, Pleasure/Pain, Scalar >, Act by act basis, Satisficing, Rule-based, Two-level >} } }, Deontology {Kantianism}, Virtue ethics, Care ethics, Ethical egoism, Pluralistic frameworks, Contractualism {Mutual advantage, Reasonable-Agreement}, Moral cosmopolitanism, Hobbesian contractualism, Particularism, Anthropocentrism, Biocentrism >}, Ethical principles {Pacifism, Veganism >, Environmentalism >}, Meta-ethics {Moral naturalism >, Ethical relativism, Ethical subjectivism {Emotivism}, Ethical nihilism, Moral realism >, Moral sentimentalism}
- ***Studied legal philosophy:*** Legal frameworks {Legal positivism >}
- ***Studied metaphysics:*** Existence {Realism >, Physicalism >, Metaphysical naturalism >}
- ***Studied philosophy of mind:*** Cognition frameworks {Classical cognitivism, Connectionism, Behaviourism, Functionalism}, Folk psychology perspectives {Realism, Anti-realism, Interpretationism, Dennettian instrumentalism, Eliminativism}
- ***Studied philosophy of science:*** Behavioral frameworks {Hard determinism >, Psychological egoism {strong, weak >}, Evolutionary theory ★ {Darwinism, Evolutionary psychology {Evolutionary moral psychology}}, Social Exchange Theory >}
- ***Studied philosophy of education:*** Curriculum design frameworks {Paideia Proposal}, Learning frameworks {Behaviourism}
- ***Studied philosophy of religion:*** Religious ideologies {Atheism >, Theism}
- ***Studied philosophy of well-being:*** Well-being frameworks {Desire satisfactionism {any, ideal >}, Hedonism {short-term, over lifetime}, Objective list theory}
- ***Studied political philosophy:*** Political frameworks {Functionalism, Neo-functionalism, Inter-governmentalism, Liberal inter-governmentalism, Political realism, Political cosmopolitanism}, Political ideologies {Social democracy >, Neoliberalism, Nationalism {Patriotism}, Communism, Socialism, Capitalism, Anarchism, Liberalism (pro-rights) >, Libertarianism, Marxism-Leninism}, Political principles {Paternalism >, Egalitarianism >. Mill's Harm Principle >, Secularism >, Isolationism, Voluntarism, Exceptionalism {America, Russia}, Jingoism, Populism, Euroscepticism, Feminism, Communitarianism}
- ***Studied social philosophy:*** Social issues {Discrimination {age, appearance, disability, caste, gender, minorities, race, species}}
- ***Russian language (A1):*** Cyrillic alphabet
- ***Understanding complex perspectives***
- ***Writing argumentative essays skills***

Trade skills: I've applied these skills within the construction, hospitality, manufacturing, warehouse and logistics, packaging, postal services, and waste management industries.
- ***Assembly skills:*** Pipe valves, interior blinds, outdoor blinds, draw rods, security screens
- ***Fabrication skills***
- ***Following recipes skills***
- ***Handing dangerous goods skills***
- ***Maintaining a clean and tidy environment***
- ***Manual handling skills***

- ***Measuring skills***
- ***Packaging skills***
- ***Reading job specifications***
- ***Responding to workplace health and safety incidents***
- ***Setting up flexographic printing job skills***
- ***Soldering***
- ***Stock dispatch skills***
- ***Stock management skills***
- ***Using hygienic practices for food safety***
- ***Working safely in hazardous environments skills***
- ***Working with machinery:*** Bottle crushing machine, Drill press, Box strapping machine, Blind wrapping machine, Cardboard tube cutter, Fabric cutter, Flexographic printing press, Foot-operated poly strapping machine, Guillotine sheet metal cutter, Hole-punching machine (for Ziptrak channels), Ink dispenser (printing), Pallet wrapping machine, Polystyrene foam melting machine, Power pallet mover, Ride-on floor sweeper / vacuum cleaner, Upcut saw, Plate mounting machine (printing)
- ***Working with hand and power tools:*** Air gun (pneumatic), Barcode scanner, Brayer, Flexo plate brush, Crimper, Drill, File, Hammer, Ink scraper, Leaf blower, Measuring tape / ruler, Mitre saw, Orbital sander, Pliers, hand-held poly strapping tensioner, Portable data terminal / tablet, Rivet gun, Safety knife / Utility knife, Shears, Tape dispenser, Tie-down straps, Vinyl squeegee, Kitchen knife

CROSS-DISCIPLINE SKILLS

- Active listening skills
- Attention to detail
- **Communication skills:** Verbal, Visual, Written
- Conceptual skills
- Critical reflection skills
- Decision making skills
- Developing positive working relationships skills
- Direct confrontation
- Identifying barriers to task completion
- Identifying and reporting young people at risk
- Information literacy skills
- Leadership skills
- Learning agility skills
- Knowledge management skills
- Maintaining a high level of accuracy
- Maintaining a clean, safe, and tidy environment
- Meeting attainable KPI targets
- Meeting realistic customer expectations
- Performing time-sensitive tasks quickly
- Perseverance skills
- Planning skills
- Presentation skills
- Problem-solving skills. Tend to take an iterative and/or incremental approach to solving problems. Also engage in problem decomposition.
- Proving a service to customers skills
- Quality control skills
- **Research skills:** Encyclopedic approach {Synthesising research}, Research design
- Self-management skills
- Situational awareness
- Spatial reasoning skills
- Stakeholder engagement skills
- Teamwork skills
- Training others skills
- **Thinking skills:** Abstract, Analytical, Creative, Critical, Design, Logical, Strategic, Systems
- Understanding workplace documentation skills
- Working effectively in Agile environments
- Working independently
- ***Working with collaborating with others tools:*** Cisco Webex, Slack, Microsoft Outlook, Microsoft Teams
- Working with diverse people
- ***Working with document management tools:*** Microsoft SharePoint, Microsoft OneDrive
- ***Working with knowledge base tools:*** DokuWiki
- ***Working with project management tools:*** Azure DevOps, Jira, ClickUp, Microsoft Planner
- ***Working with reference managers:*** Zotero

UPCOMING ADDING TO THIS LIST

A few months from when this list was last updated, expecting to be more knowledgeable in

- ***Deploying code to end-user platforms:*** iOS
- ***Electrical engineering:*** Digital signal processing
- ***Languages:*** Golang, Haskell
- ***Libraries:*** libmaxminddb, OpenCV, Essentia, scikit-learn, OpenPose, TensorFlow, Matplotlib, PyTorch, SciPy, pandas, Plotly, stripe-go
- **Mathematics (upper-level undergraduate level):** Studied applications of math in machine learning through texts like *"Computer Vision: Algorithms and Applications"* (Szeliski)
- ***Mathematical abilities:*** Vector mathematics
- ***Solving problems involving the recognition of humans and their actions***
- **Working with CDNs:** Cloudflare
- ***Working with AI models:*** YOLO, SAM 3
- ***Working with interactive computational environments:*** Jupyter Notebook
- **Working with web protocols:** TUS

This document was last updated on the 10th of February 2026. Over time, I update this document with more details.
Can access latest version of it here: hoppingforwards.com/pdf/kory_resume.pdf