

Raymond Li

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EDUCATION

Master of Science in Software Engineering, Specialization in Cybersecurity <i>San Jose State University</i>	GPA: 4.0/4.0 2025 – 2027 (Expected)
• Courses: Security Technologies, Network Security, Data Mining, Database Management, Systems Engineering, AI, ML	

Bachelor of Engineering Science in Software Engineering <i>University of Western Ontario</i>	GPA: 3.7/4.0 2021 – 2025
• Publication: Optical resolution and MTF of a low-cost Fourier ptychography microscope using a Raspberry Pi computer	
• Awards: Dean's Honors List (2022, 2023, 2024)	

EXPERIENCE

WisdomQ <i>Data & AI Engineer Intern</i> TypeScript, React, PostgreSQL, TailwindCSS, Stripe	Palo Alto, CA October 2025 – Present
• Optimized the ranking engine architecture, reducing search latency by 55% and doubling throughput via Node.js parallelization and prompt engineering optimizations	
• Engineered an automated onboarding pipeline that parses LinkedIn data to auto-populate profiles, cutting administrative manual entry time by 70% for 100+ users	
• Built scalable Supabase and PostgreSQL APIs handling 10K+ monthly requests for user discovery and booking systems, enforcing strict Zod validation	
• Developed an AI Agent interface using the Model Context Protocol , enabling 100+ beta users to browse and book services directly within a conversational chat experience	
Voyage AI <i>Software Engineer</i> Python, FastAPI, MongoDB, Docker, AWS	San Francisco, CA July 2025 – Present
• Built an AI mock-interview platform with a team of 5 ; launched paid beta to 500+ users generating \$100K+ in month 1	
• Containerized complex video workflows into streamlined Docker and AWS ECR pipelines, eliminating manual intervention and reducing deployment effort by 75%	
• Engineered fault-tolerant video services with automated health checks, decreasing production failure rates by 90%	
• Optimized LLM scoring pipelines via fine-tuning and asynchronous Python I/O, reducing processing time from hours to minutes (65% throughput increase)	
• Architected a scalable GPU rendering infrastructure on AWS Batch , increasing weekly processing capacity by 50% through distributed parallelization	
AXENTRA OS <i>Software Engineer Intern</i> FastAPI, Django, GraphQL	London, ON March 2025 – June 2025
• Integrated AI transcription into a SaaS Django app as the data ingestion layer, boosting backend efficiency by 60%	
• Designed an in-memory index for 5K+ transcripts, enabling sub-second lookups and 45% faster analytics	
• Engineered secure REST/GraphQL clients with RBAC for frontend services; shipped internal dev-tools for token rotation	
• Built a semantic search service over 10K+ documents with LangChain for RAG , cutting query latency by 50%	
Vale Base Metals <i>Data Analyst Intern</i> Python, SQL	Toronto, ON May 2024 – February 2025
• Built an end-to-end ETL pipeline ingesting 500K+ records into SQL, cutting reporting latency by 60%	
• Developed a Python batch-update tool for 1,000+ documents, eliminating 90% of manual effort via AI automations	
Robarts Research Institute <i>Software Engineer Intern</i> Python, C++, MATLAB	London, ON May 2023 – May 2024
• Automated an image-processing CI pipeline with 20+ Python scripts, improving diagnostic accuracy by 10%	
• Co-developed a \$10 diagnostic microscope and co-authored the C++ firmware on Raspberry Pi	

PROJECTS

FormFixer.AI React Native, Tailwind, Node, MongoDB	
• Shipped a real-time form-correction mobile app, reducing reported injury risk by 40% and improving gym safety	
• Trained an open-source pose-estimation LLM (TensorFlow/PyTorch), boosting keypoint accuracy by 25%	

HONORS & AWARDS

Best Use of Auth0 & Top 5 @ HackWestern11 React, Tailwind, Flask, OpenAI API	December 2024
1st Place @ Toronto Tech Expo React, Python, Flask, OpenAI & Spotify API	March 2024
2nd Place @ Western Engineering Competition Python	January 2024

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, TypeScript, HTML, CSS, SQL, C/C++, Kotlin, C#, Ruby, PHP
Frameworks: Angular, React Native, React, Node, Express, Next, Vue, Django, Flask
Developer Tools: Git, Linux/Ubuntu, Bash, MongoDB, MySQL, NoSQL, Docker, Jira, Confluence, Power BI, Visio
Cloud & Infrastructure: AWS, Google Cloud, Microsoft Azure, Kubernetes, Cloud Computing, Cloud Infrastructure, IoT