LI HUANG

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EDUCATION

Computer Programming and Analysis (Co-op) – Advanced Diploma   Sept. 2021 – Dec. 2024
Fanshawe College, London, ON   4.19/4.2 GPA
Awards: Women Rock IT Award; LBMX Inc. Award of Excellence

Japanese (International Economics and Trade) – B.A.   Sept. 2012 – June 2016
Donghua University, Shanghai, China

EXPERIENCE

Full-Stack Developer - eCampusOntario   Oct. 2025 – Present
- Designed and maintained web applications using Angular and WordPress (PHP/JavaScript), integrating REST APIs across multiple production platforms
- Managed cloud infrastructure on AWS (EC2, S3, Load Balancers) and Dockerized environments; monitored deployments and resolved production issues using logs and DevOps workflows
- Implemented responsive, accessible UI components and ensured WCAG/AODA compliance in collaboration with designers and stakeholders
- Produced technical documentation and supported vendor-delivered enhancements by validating quality, responsiveness, and maintainability

Software Engineer (Co-op) - OEConnection   May 2024 – Aug. 2024
- Developed RESTful APIs and backend services in C# / ASP.NET Core to improve access to OEM repair procedures in the RepairLogic platform
- Optimized React components for high-volume data tables, improving UI responsiveness and user experience across multiple modules
- Wrote unit tests and strengthened validation logic for vehicle data processing, ensuring data integrity across hundreds of thousands of records
- Worked with Azure DevOps pipelines and Git-based workflows to support automated build and test processes

Computer Programmer Analyst (Co-op) - Canada Revenue Agency   Sept. 2023 – Apr. 2024
- Automated large-scale internal auditing workflows by developing an Excel VBA add-in that processes 10,000+ accounts and generates unique monthly review lists for 15–30 team leaders
- Partnered with non-technical stakeholders to redesign a Division Hub website using wireframes and prototypes to translate requirements into implemented features
- Served as primary IT support for specialized internal tools, delivering troubleshooting, maintenance, and coding enhancements to improve reliability

Application Developer (Co-op) - Atlas-Apex Roofing Inc.   Jan. 2023 – Apr. 2023
- Developed responsive full-stack web features using Angular, Bootstrap, REST APIs, and SQL-backed services
- Modernized legacy VB.NET code and contributed to migration work toward ASP.NET and C# implementations
- Diagnosed and resolved issues rooted in complex SQL business logic by tracing failures and applying database fixes
- Participated in peer code reviews and collaborated with the team to improve code quality and delivery speed

SKILLS & ABILITIES

Languages: C#, JavaScript, TypeScript, Java, Python, Kotlin, Go, VBA
Web & Frameworks: ASP.NET Core, Angular, React, Node.js, Next.js, Spring Boot, WordPress, HTML5, CSS
Cloud & DevOps: AWS (EC2, S3, Load Balancer), Docker, Azure DevOps, CI/CD, Git
Databases: SQL Server, PostgreSQL, MySQL, DB2, NoSQL
Practices: REST APIs, Unit Testing, Object-Oriented Design, Agile/Scrum, Code Reviews, Debugging, WCAG/AODA Accessibility