Li Huang

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Skills & Abilities

- Working knowledge of: C#, Java, C++, Python; Angular, React; JavaScript, Node.js; SQL, SSMS; Git ; Azure DevOps.
- Ability to apply knowledge of object-oriented programming, unit-testing and debugging, data structures and algorithms
- A team player with experience in collaborating well with global teams, excellent problem-solving, multi-tasking and communication skills

Education

Computer Programming and Analysis (Co-op) — Advanced Diploma   Sep. 2021 — Present

Fanshawe College, London, On   Cumulative GPA: 4.19/4.2

- Women Rock IT Award; LBMX Inc. Award of Excellence
- C++ projects: a custom-made Windows application that shows disk usage mimicking Unix du program; a txt-to-html conversion program
- C# gaming projects: Flappy Bird-inspired 2D game, 2D survival shooter game,3D Mini Golf game

Japanese (International Economics and Trade) — B.A.   Sep. 2012 — June 2016

Donghua University, Shanghai, China

Experience

Engineer (CO-OP) - OEConnection LLC   May 2024 — Aug. 2024

- Contributed to the development of the RepairLogic™ Repair Planning Platform, streamlining the workflow for automotive repair professionals by integrating enhanced data retrieval systems, improving user access to accurate OEM repair procedures, and reducing manual search efforts
- Optimized frontend components built with React for better user interaction in data-heavy tables, increasing UI responsiveness and improving the user experience across multiple modules
- Developed unit tests and enhanced the C# backend codebase for vehicle data processing, ensuring accurate updates and proper validation across hundreds of thousands of records
- Familiarized with Azure Pipelines for continuous integration and deployment (CI/CD), ensuring smooth automated builds and testing processes.

IT Student (CO–OP) - Canada Revenue Agency   Sep. 2023 — Apr. 2024

- Independently developed an Excel Add-in using VBA and macros based on an existing in-house tool, transforming the manual process of creating team leader workbooks into an automated one for the

Accounts Receivable (AR) team in the Ontario Region ICD. Improved user experience for 15 - 30 Team Leaders

- Engineered an efficient data input and account selection system to handle a pool of over 10,000 accounts, ensuring unique monthly review lists for each officer without repeating any account within a six-month period
- Acted as the primary IT support professional for the AR team, functioning independently to address all IT-related issues. Conducted comprehensive troubleshooting, coding changes, and maintenance of the AR team's specialized tools, ensuring their optimal performance and reliability

Application Developer (CO-OP) **-** Atlas-Apex Roofing Inc.   Jan. 2023 — Apr. 2023

- Successfully ramped up on new tech stacks such as Angular and Typescript within a few days, enabling me to contribute to a project from the start
- Developed responsive full-stack web applications using Angular and Bootstrap, helping the team complete a project one week ahead of schedule
- Ability to apply knowledge to similar situations enabled me to comfortably work with legacy systems using VB.Net and ASP.Net, contributing to successful migration to modern technologies such as C#
- Demonstrated strong problem-solving skills by understanding legacy systems which have entire business logic written in complex SQL queries, identifying the issue and resolving it in the database

Research Analyst — M-Brain China   Oct. 2017 — June 2021

- Collected data on competitors, consumers and marketplace and consolidate them into monthly, quarterly trend analysis report
- Delivered daily market intelligence analysis to a proprietary online database for clients in industries including Insurance, Auto, FMCG, Pharma and Health