Henry Zhang

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TECHNICAL SKILLS

Programming Languages	Libraries & Frameworks	Tools & Platforms	Development Skill
JavaScript, TypeScript, HTML, CSS/Sass, MySQL, Python, C++	jQuery, React, NextJS, Angular, Node.js, Express, RESTful APIs	Git, Firebase, Docker, Figma, GCP	Agile Development

WORK EXPERIENCE

The University of Western Ontario, London, Ontario *May 2022 – Sep 2022*
Software Engineering Intern
- Designed and developed an iOS bridge health monitoring APP using XCode and MATLAB; received overwhelmingly positivefeedback from the project lead for phenomenal result and high-quality coding.
- Assessed current needs and opportunities for development, initiated the construction of a cloud client-server CSV file data transmission system, significantly improved workflow efficiency by 40%.
- Worked closely with client management to maintain effective communication between different function groups.

Groops, Montréal, QC *Jan 2022 – May 2022*
Software Engineering Architecture
- Supported key business initiatives by providing technical information; managed front and back-end development processes and oversaw quality assurance efforts.
- Participated in developing company website using Next.JS, TypeScript, Prisma and JavaScript; orchestrated Agile development, workflow standardization, team communication and code integration.
- Collaborated with the finance manager to synchronize marketing campaign and technical development, identified cost saving opportunities and executed corresponding strategies to enhance cash management.
- Reviewed and assessed architecture design, implementation and testing needs to identify project requirements and costs.

Long Yang Industry, Zhejiang, China *May 2021 – Aug 2021*
Website Development Intern
- Developed using CSS, HTML, JavaScript, and jQuery to enhance overall site functionality and user experience on company's web page, improved site's performance, and responsiveness.
- Performed various administrative tasks, completed initial prototype design, and identified growth opportunities.
- Served as first point of contact between tech department and operations department, effectively facilitated several conference meetings, gained general knowledge of industry standards among service provider firms.

PROJECTS & ACTIVITIES

Sorting Algorithms Playground, London, Ontario *Jan 2022 – Apr 2022*

Project Lead
- Led a team of three in the development of a dynamic and interactive gamified website to support K12 students' learning of sorting algorithms with React.js and Firebase.

AutoGo (Full Stack Development), London, Ontario *May 2021 – Aug 2021*

Developer
- Developed a user-friendly car rental mobile application using Ionic Angular framework.
- Worked with two UX designers and jointly designed APP's front-end UI, established responsive server using Node.js and constructed DBMS with MYSQL.

EDUCATION

The University of Western Ontario, London, Ontario *Apr 2023*
Bachelor of Science in Software Engineering
Honors & Awards:
Full Stack Developer Certificate (awarded jointly by the University of Western Ontario and Robo Garden);
The 2019 Western Scholarship of Excellence Recipient