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

Groops, Montréal, QC   *Dec 2022 – Present*
Software Engineering Architecture
- Supported key business initiatives by providing technical information; managed front and back-end development processes and oversaw quality assurance efforts.
- Reviewed and assessed architecture design, implementation and testing needs to identify project requirements and costs.
- 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.

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.

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