

# Henry Zhang

[Henryzhang418@gmail.com](mailto:Henryzhang418@gmail.com) (+1) 519-701-1804

**Current Address:**  
560 Proudfoot Ln, London,  
ON, Canada N6H 5C9

**LinkedIn:** [linkedin.com/in/henry-zhang-uwo](https://www.linkedin.com/in/henry-zhang-uwo)  
**Website:** [henryczhang.github.io](https://henryczhang.github.io)  
**GitHub:** [github.com/HenryCZhang](https://github.com/HenryCZhang)

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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

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## WORK EXPERIENCE

**Groops, Montréal, QC** *Dec 2022 – Present*  
*Software Engineering Architect*

- 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 positive feedback 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.

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## 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.

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## EDUCATION

**The University of Western Ontario, London, Ontario** *May 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*