

# Cao (Henry), Zhang

[Czhang672@uwo.ca](mailto:Czhang672@uwo.ca) (+1) 519-701-1804

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

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

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## EDUCATION

**The University of Western Ontario**, Toronto, Ontario

*Bachelor of Science in Software Engineering*

*Apr 2023*

GPA: 3.32/4.00

**Major:** Software Engineering

**Honors & Awards:** *Full Stack Developer Certificate (awarded jointly by the University of Western Ontario and Robo Garden); The Western Scholarship of Excellence Recipient 2019*

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## WORK EXPERIENCE

**London Ontario Chemical Manufacturing Consultancy**, London, Ontario

*May 2022 – Present*

*Technical Consultant*

- Supported key business initiatives, developed company website using CSS, HTML, and JavaScript, outlined online communication strategies, and streamlined internal feedback model to ensure optimal performance.
- Collaborated with the finance manager to examine financial statements, identified cost saving opportunities and executed corresponding strategies to enhance cash management.
- Developed and automated several workflows for recurring tasks using Python and MATLAB, minimized human errors and ensured long term success.

**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 project lead and client management for clean and high-quality coding.
- Assessed current needs and opportunities for development, initiated the construction of a client-server csv file data transmission system, significantly improved workflow efficiency.
- Worked closely with client management to maintain efficient 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 functionality and speed.
- Participated in weekly project meetings to discuss current workflow and future project timeline, gained general understanding in technology team management and workflow standardization.
- 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 in 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*

*Participant*

- 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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## TECHNICAL SKILLS

Fluent in Java, HTML, CSS,  
JavaScript, Node.js, MYSQL, Git C,  
C++, C#, Python, MATLAB

Fluent with frameworks & tools such  
as Ionic, ReactJS, AngularJS  
Firebase, Android Studio, Figma

Experienced in multi-threaded  
server/client-side code; familiar with  
DBMS & API's