Cao (Henry) Zhang

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in LinkedIn
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Professional Profile

Emerging Business Analyst. Mediator for technology and business teams. Strategic thinker. Business efficiency facilitator. Proficient in blending IT acumen with business insights to identify opportunities and craft solutions that help organizations achieve their desired goals.

Education

The University of Toronto, Toronto, Ontario, Canada   expected graduation: *2025*
Masters of Information Candidate, (Information System and Design)

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

Work Experience

Groops, *Remote*   2022*, 2023*
Software Development Lead
- Supported key business initiatives by providing technical information, managing front and back-end development processes, and overseeing quality assurance efforts.
- Reviewed and assessed architecture design, implementation and testing needs to identify project requirements and costs.
- Spearheaded the development of approximately 80% of the application's API functions using TypeScript, tRPC and Prisma, and orchestrated Agile development, workflow standardization, team communication and code integration.
- Hosted regular team meetings and created performance reports and functionality requirements aligned with business needs, using the Microsoft Suite.

The University of Western Ontario, *London, Ontario, Canada*   *Summer 2022*
Software Engineering Summer Researcher
- 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-serverCSV file data transmission system, significantly improved workflow efficiency by 40%.

Long Yang Industry, *Zhejiang, China*   *Summer 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

Anna Library System Analysis & Process Innovation, *Toronto, Ontario, Canada*   *Fall 2023*

Business System Analysis and Process Innovation

- Analyzed, proposed process improvements, and created BPMN and DFD models to address material misplacement, request rejections, and material availability issues at Anna's library, enhancing the experiences of both staff and patrons.

Sorting Algorithms Playground, *London, Ontario, Canada*   *Spring 2022*

Web Developer

- 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.

Professional Skills

Programing Languages	Libraries & Frameworks	Systems & Platforms	Valuable Skills
MySQL, TypeScript, HTML, CSS/Sass, Python, C++, Java	React, NextJS, Angular, tRPC, Prisma, Express, RESTful APIs	Node.js, Git, Firebase, Docker, GCP, Kubernetes	MS suite, Visio, Agile development, UI design principle, UML, BPMN, DFD, Chinese (native)