

Jingxuan(Alexina) Chang

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Education

Ontario College Diploma, Computer Programming (GPA 3.98)	Sep. 2022 – Sep. 2024
Algonquin College	Ottawa, Canada
Bachelor of Arts, English Language and Literature	Sep. 2010 – Jun. 2014
Sun Yat-sen University	Guangzhou, China

- Participated in an exchange program, traveled to Portugal, and completed a Concentration in English Literature from *University of Lisbon* between 2013 and 2014.

Program-Related Skills

Programming Languages: Java, C, JavaScript, TypeScript, EJS, Python, HTML, CSS, PHP, SQL

Frameworks & Libraries: React, Node.js, Express.js, Recharts, TanStack, Drizzle ORM, Cypress

Object-Oriented Programming, Web Development, RESTful API building

Database Management: MySQL, Access, Microsoft SQL Server, PostgreSQL, Oracle, MongoDB

Soft Skills:

- Excellent communication skills, successfully motivated teammates to achieve common goals.
 - Strong interpersonal skills: maintained a positive and productive atmosphere, adept at mediating conflicts and resolving disagreements among team members.
 - Proven ability to learn quickly, adapting to new challenges and technologies with passion.
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Work Experience

Full-stack Software Developer (co-op)

Giatec Scientific Inc. | Ottawa

Sept.2023 - April.2024

- Frontend: worked with React, Redux, JavaScript, TypeScript and followed MVP design pattern to build reusable components and interactive features, such as data analysis graphs, real-time validation, and character counters.
- Backend: created new API endpoints to support frontend feature. Refactor database schemas. Implemented data security improvements such as user password encryption, username case-sensitivity refactoring, and backend data/schema validation.
- QA/Testing: implemented comprehensive testing strategies, including end-to-end tests using Cypress and unit tests with Vitest, Chai & Mocha, ensuring code quality and functionality.
- Bug fixing: resolved frontend and backend bugs efficiently on a daily bases, worked on hot fixes regularly before release, contributing to the overall stability of the software.
- Project management: actively participated in daily scrum meetings, story refinement, and retrospectives. Led retrospectives, and regularly showcased feature improvements in bi-weekly

team demos. Collaborated with product managers to seek stakeholder feedback, and ensure alignment between development efforts and business object.

Sales Associate

H&M | Ottawa

May.2024 – present

- Ranked among the top three salespeople for membership acquisitions in June and July. Processed payments, handled returns, exchanges and customer complaints with professionalism.
- Provided excellent customer service on the floor and in the fitting room by assisting customers with product selection and answering questions.
- Collaborated with team members to achieve sales targets and contribute to a positive and productive work environment.

Customer Service

Edo Japan Restaurants Ltd. | Ottawa

April.2023 – Sept.2023

- Assisted more than 50 customers per day with food orders, payment, and general questions in a fast-paced environment.
- Made great connections with customers by engaging in friendly conversations during their visit.

Teacher

Shinyway Education | Guangzhou

2020 – 2022

Puxin Education & Technology Group | Guangzhou

2018 – 2020

- Developed and delivered customized IELTS preparation course, incorporating the latest best practices and methodologies to ensure the effectiveness and relevance of course materials.
- Created and implemented individual study plans for more than 100 students. Conducted ongoing assessments of student progress.
- Maintained open communication with parents to ensure overall satisfaction.

Assistant to the CEO/Product Owner

Guangzhou Beiliao Information Science & Technology Co., Ltd | Guangzhou

2016 – 2018

- Conducted research on industry trends and competitor analysis, compiling reports and presenting findings to the CEO to inform decision-making.
- Followed through special projects, monitored progress, and managed documentations.
- Communicated with clients and developers, responding to inquiries, scheduling meetings, and ensuring timely resolution of any issues.

Certifications/Training

- Java Programming I & II, University of Helsinki, expect completion date Jun 2023
- CS50, Certificate of Completion, Harvard University, August 2022
- Responsive Web Design Developer Certification, freeCodeCamp.org, April 2022
- The Complete 2022 Web Development Bootcamp, Certificate of Completion, Udemy, March 2022