

Jintian Zhou

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EDUCATION

University of Waterloo

Sep 2024 – Apr 2029

Candidate for Bachelor of Computer Science, Honours Co-op

GPA: 90.4/100

Relevant Coursework: Object-Oriented Programming, Data Structures, Algorithms, Computer Architecture, Statistics, Probability, Linear Algebra, Calculus, Tools & Techniques for Software Development

WORK EXPERIENCE

Undergraduate Marker (MATH 137)

Sep 2025 – Dec 2025

University of Waterloo — Waterloo, Canada

- Marked weekly calculus assignments for **100+ students**, managing **8+ hours per week** under grading deadlines, and built a **web-based task reminder website** to track grading deadlines

Software Engineer

May 2025 – Aug 2025

InVision — Toronto, Canada (Remote)

- Implemented data integration workflows using **Python** and **SQL** to connect e-commerce, email marketing, and customer service systems, increasing customer engagement by **15%**
- Optimized data processing pipelines and dashboard queries, improving reliability and reducing data refresh time for funnel analysis
- Delivered **5+ client-facing data and analytics projects** and led **weekly cross-functional meetings** to ensure on-time delivery

Website Operation Engineer

May 2025 – Aug 2025

Yangtze Delta Innovation Institute — Shanghai, China

- Produced daily operation workflows for an internal web platform, collaborating with product and engineering teams on feature rollouts, content updates, and platform stability
- Collected, monitored, and analyzed monthly platform data using **Excel**, and launched the **English (i18n) version**, onboarding **10+ foreign enterprises per month**

PROJECTS

Biquadris

[GitHub](#)

- Developed a two-player Tetris-style game in **C++** using modular **OOP**, applying **Factory** and **Observer** patterns and documenting system design with **UML**
- Created graphical gameplay with **XWindow**, ensured memory safety using **RAII** and smart pointers, and achieved a final grade of **104/100** (including **4 bonus marks**)

Amazon Web Scraping

[GitHub](#)

- Developed an automated Amazon price-tracking tool in **Python** using **BeautifulSoup** and **requests**, scheduled via **cron jobs** to update hourly for **10+ products**
- Analyzed pricing data using **Pandas** and **Matplotlib**, integrated with **CSV** files for data storage and triggered **email alerts** via **smtplib**, saving users **\$1000+** through timely purchase decisions

SKILLS

Programming Languages: Python, C, C++, SQL, R, JavaScript, HTML, CSS

Libraries & Tools: Pandas, Matplotlib, BeautifulSoup, CSV, PyTorch, TensorFlow, Git, Jupyter, Bash

Systems & Platforms: Linux, GNU, GCC, GDB, AWS, IBM Cloud, Angular