

# Jintian Zhou

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## EDUCATION

<b>University of Waterloo</b> Candidate for Bachelor of Computer Science, Honours Co-op <b>Relevant Coursework:</b> Object-Oriented Programming, Data Structures, Algorithms, Computer Architecture, Statistics, Probability, Linear Algebra, Calculus, Tools & Techniques for Software Development	Sep 2024 – Apr 2029 GPA: 90.4/100
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## WORK EXPERIENCE

<b>Undergraduate Marker (MATH 137)</b> University of Waterloo — Waterloo, Canada	Sep 2025 – Dec 2025
<ul style="list-style-type: none"><li>Marked weekly calculus assignments for <b>100+ students</b>, managing <b>8+ hours per week</b> under grading deadlines, and built a <b>web-based task reminder website</b> to track grading deadlines</li></ul>	
<b>Software Engineer</b> InVision — Toronto, Canada (Remote)	May 2025 – Aug 2025
<ul style="list-style-type: none"><li>Implemented data integration workflows using <b>Python</b> and <b>SQL</b> to connect e-commerce, email marketing, and customer service systems, increasing customer engagement by <b>15%</b></li><li>Optimized data processing pipelines and dashboard queries, improving reliability and reducing data refresh time for funnel analysis</li><li>Delivered <b>5+ client-facing data and analytics projects</b> and led <b>weekly cross-functional meetings</b> to ensure on-time delivery</li></ul>	

<b>Website Operation Engineer</b> Yangtze Delta Innovation Institute — Shanghai, China	May 2025 – Aug 2025
<ul style="list-style-type: none"><li>Produced daily operation workflows for an internal web platform, collaborating with product and engineering teams on feature rollouts, content updates, and platform stability</li><li>Collected, monitored, and analyzed monthly platform data using <b>Excel</b>, and launched the <b>English (i18n) version</b>, onboarding <b>10+ foreign enterprises per month</b></li></ul>	

## PROJECTS

<b>Biquadrис</b>	<a href="#">GitHub</a>
<ul style="list-style-type: none"><li>Developed a two-player Tetris-style game in <b>C++</b> using modular <b>OOP</b>, applying <b>Factory</b> and <b>Observer</b> patterns and documenting system design with <b>UML</b></li><li>Created graphical gameplay with <b>XWindow</b>, ensured memory safety using <b>RAII</b> and smart pointers, and achieved a final grade of <b>104/100</b> (including <b>4 bonus marks</b>)</li></ul>	

<b>Amazon Web Scraping</b>	<a href="#">GitHub</a>
<ul style="list-style-type: none"><li>Developed an automated Amazon price-tracking tool in <b>Python</b> using <b>BeautifulSoup</b> and <b>requests</b>, scheduled via <b>cron jobs</b> to update hourly for <b>10+ products</b></li><li>Analyzed pricing data using <b>Pandas</b> and <b>Matplotlib</b>, integrated with <b>CSV</b> files for data storage and triggered <b>email alerts</b> via <b>smtplib</b>, saving users <b>\$1000+</b> through timely purchase decisions</li></ul>	

## 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