

Jason Zheng

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TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C++, HTML/CSS, C#, R
Frameworks: React, Node.js, JUnit, Next.js, Unity, Tailwind CSS, REST APIs, PostgreSQL
Developer Tools: Git, GitHub, VS Code, Visual Studio, IntelliJ, NetBeans, Figma, AWS (Amplify, Route 53)
Libraries: NumPy, Matplotlib, Tidyverse, TextBlob

EDUCATION

University of British Columbia Expected April 2027
Bachelor of Science in Computer Science GPA: 94.5%

- Awards/Honours: Trek Excellence Scholarship, Dean's Scholar

PROJECTS

Personal Website | *JavaScript, React, Next.js, Tailwind CSS, REST APIs, AWS* May 2024 – Present

- Developed a web application with React to provide a modern and up-to-date browsing experience.
- Utilized the React framework Next.js, improving performance by over 30% with Server-Side Rendering (SSR).
- Delivered a polished and interactive UI with Tailwind CSS and Figma.
- Hosted application with AWS Amplify, additionally employing a custom domain and securing a SSL certificate through AWS Route 53.

Minimal Type | *Java, JUnit, Java Swing, JSON, GitHub Enterprise* Jan 2024 – Apr 2024

- Developed a minimal typing environment to improve typing speed and accuracy, applying OOP principals in Java for a scalable, maintainable codebase.
- Employed Test-Driven Development with JUnit, achieving a 40% reduction of bugs and enhancing reliability.
- Implemented data persistence with JSON served in a minimal GUI designed with Java Swing

Shoot + Jump | *C#, Unity, Figma, Blender, PostgreSQL* May 2023 - Aug 2023

- Developed a platformer / first-person shooter with the Unity Game Engine and C#.
- Utilized Figma and Blender to design custom game assets, increasing overall game quality.
- Implemented raytracing, object-collision, and physics with the Unity engine, providing an immersive environment.

Text Sentiment Analysis (Hackathon) | *Python, TextBlob, Twitter API* Jan 2023

- Used Python to build a stock sentiment analysis program for the Wharton Investment Competition
- Performed Natural-Language Processing (NLP) with TextBlob API, extracting stock tickers and calculating sentiment based on pieces of text.
- Connected to Twitter API to analyze general market sentiment on selected stocks.

RELEVANT EXPERIENCE

Firmware Engineer Jan 2025 – Aug 2025
NETINT Technologies Burnaby, BC

- Incoming firmware engineer at NETINT Technologies.

OTHER EXPERIENCE

Teaching Assistant Sep 2024 – Present
University of British Columbia Vancouver, BC

- Teaching assistant for CPSC 110 and MATH 180.

Food Service Supervisor Aug 2021 – Aug 2023
Singapore Hawker Coquitlam, BC

- Led a team of **6+** workers, ensuring all customers were provided with a positive experience.
- Oversaw daily operations and managed the POS system, handling **\$10,000+** in sales daily.
- Trained and mentored** new staff, improving efficiency through comprehensive instruction on best practices.