KEVIN WU

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Education

University of Waterloo   **Sep. 2023 – May 2028**
Bachelor of Computer Science   *Waterloo, ON*

Technical Skills

Languages: Python, HTML/CSS, JavaScript, Java, C++
Developer Tools: Next.js, React.js, Tailwindcss, Figma
Technologies/Frameworks: Github, VS Code

Experience

Gong Cha   **May 2023 – December 2023**
Barista   *Ancaster, ON*
- Engaged with customers in a friendly and attentive manner, taking orders accurately.
- Operated and maintained all equipment, including tea brewers, blenders, waffle makers, ensuring optimal performance.
- Consistently met quality and presentation standards when serving a variety of beverages.

McMaster University   **June 2022 – August 2022**
Research Intern   *Hamilton, ON*
- Worked under Dr. Zheng's supervision and collected, analyzed, and processed sensor data into metrics and graphs to help swimmers self-analyze after swims.
- Designed a prototype to attach sensors onto moving swimmers in water in various locations to collect various forms of data.
- Used Python libraries (NumPy, SciPy) to analyze and process .csv data of euler angles into swim metrics - stroke rate, distance traveled, breaths taken - with high accuracy.
- Used MatPlotLib to clean and transform data into readable graphs.

Projects

MangaFinder | *Python, React.js, Tailwindcss*   **In Progress**
- Manga recommendation system created by implementing Spotify's recommendation algorithm on database on Manga.
- Database of manga (genre, score) built with data collected using MyAnimeList's API.

Spotify Discover Whenever | *Python, React.js, Tailwindcss*
- Javascript wrapper for the Spotify API; uses API to fetch users' top songs.
- Uses React Hooks to pass data and call Spotify API to generate recommendations and playlist.
- Displays top songs and recommendations - interactive web app interface developed with React.js, Tailwind, and Figma.

Text-Based RPG | *C++*
- Used C++ classes and functions to create a simple text-based RPG with a story line, multiple areas, actions, and items.

Awards

National Math Scholarship   **Value: $15,000**
Entrance Scholarship   *University of Waterloo*
- Awarded by the University of Waterloo for demonstrating passion in the field of mathematics, along with my notable contest scores and high school/extracurricular achievements.

President's Scholarship of Distinction   **Value: $2,000 + $1,500**
Entrance Scholarship   *University of Waterloo*
- Awarded by the University of Waterloo for maintaining a 95%+ average in high school.

Leadership / Extracurricular Activities

Math Society @ UWaterloo   **October 2023 – Present**
Presidental Assistant   *University of Waterloo*
- Helped the President of MathSoc @ Waterloo with various tasks, from doing research to collecting surveys.

Student Council   **June 2022 – June 2023**
Vice President   *Westdale Secondary School*
- Led the executive council of the student council in planning, organizing, and running events for the student body.