Jennifer Li

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SKILLS

Languages: C/C++, Python, Java, Processing, HTML, Javascript, CSS

Technologies: REST API, Flask, React.js, Selenium, Pandas, Git, AWS, VSCode, Windows

EXPERIENCE

Artificial Intelligence Intern | OpenPrinciples | July 2022 - March 2023

- Integrated OpenAI and Notion's APIs to create a pipeline/feature that summarizes text excerpts and recommends them to the appropriate demographic, resulting in a 20% increase in user engagement
- Collaboratively created a wiki showcasing best prompt engineering practices based on experience, allowing users to contribute as well

President | Waterloo Youth Accompany Learning Association | October 2020 - Present

- Supervised tutoring sessions, handled feedback, and led monthly reflection meetings
- Tutored 10+ students in piano and prepared them for the Royal Conservatory music exams

Finance Executive | TurtleHacks (Hackathon) | September 2022 - June 2023

- Planned and conducted sponsorship outreach to secure 15 sponsors for the event (100+ attendees)
- Managed a budget of over $9000 and allocated funds appropriately towards venue, prizes, and food

PROJECTS

Wattendance | React.js, Node.js, MySQL, Raspberry Pi, AWS, REST API

- Collaboratively developed a full-stack application that uses facial recognition on a Raspberry Pi to track and update students' attendance records in real-time
- Utilized React.js to develop the frontend and designed a heatmap to visualize attendance data
- Configured and integrated AWS EC2 instances and RDS servers with the application's backend

OSTranslate | Flask, REST API, HTML, CSS, JavaScript

- Implemented APIs from Symbl.ai and Google Translate to create a Flask website that summarizes and translates text, audio, and video files, allowing users to increase their work efficiency by 30%

PathFinder | Processing, Object-Oriented Programming

- Designed a Processing program with a GUI simulating Dijkstra's algorithm, allowing users to create/generate graphs and find the shortest path between nodes

EDUCATION

University of Waterloo   Sept 2023 - April 2028 (Expected)

Bachelor of Software Engineering

Arthur F. Church Entrance Scholarship for Women in Engineering