JUSTIN WANG
STUDENT

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SKILLS

PROGRAMMING: Java, Python, HTML5, CSS3, Javascript, C#, SQL, Typescript
DATABASES/LIBRARIES: Firebase, React, PostgresSQL, Vue.JS, MongoDB
TOOLS: Git, Github, Android Studio, Jira, Confluence

EMPLOYMENT

Telesat Canada, *Software Engineer Intern*, Ottawa, Ontario   Sept. 2024 - Current
• Created scripts to automate certificate download and validation using **Bash** and **Powershell** on **Windows Subsystem for Linux (WSL)**.
• Working in an **Agile** environment using **Confluence** and **Jira** for project management.

Nokia, *Software Tester Intern*, Ottawa, Ontario   Jan. 2024 - Apr. 2024
• Tested the **GUI** and **API** calls for embedded and integrated SIM card products on **Ubuntu OS** and **Unity Linux Environment**.
• Created 10+ **REST API** tests using **Typescript** to verify user profiles being created, updated, retrieved and deleted correctly for iSIM products.
• Utilized **Docker** and **Kubernetes** to deploy builds of the GUI and **Jenkins** to test changes on the build.
• Worked with **Scrum** practices using **Gitlab** and **Git** for version control, as well as **Confluence** and **Jira** for project management

Royal Bank of Canada, *Android Developer Intern*, Toronto, Ontario   May 2023 - Aug. 2023
• Worked in **front-end development** and **API integration development** on RBC Mobile Banking and Direct Investment, 2 components of the RBC Mobile app, with thousands of users daily.
• Added a search bar within the Interac e-transfer module of the RBC Banking app, enhancing user accessibility for rapid contact search.
• Developed a feature with **REST API integration**, enabling users to reorganize watchlists within the direct investment platform.
• Created proof of concepts for the app incorporating **machine learning** and **dynamic data visualization** using **Java** and **Kotlin** on **Android Studio.**
• Strong understanding of **Agile** and **Scrum** practices, with experience in **Jira** and **Confluence**.

PROJECTS

Food Guardian (Hack the 6ix 2024)
• Created a food waste prevention website using **React**, storing user-inputted data on **MongoDB**.
• Utilized **OpenAI** and the **Edamam API** to dynamically generate personalized dish recommendations and retrieve recipe links for users.
• UI and display created using **HTML5**, **CSS3** and **Javascript**.

ToGather Web Application (uOttaHack 2024)
• Collaborated on a digital study hall app for uOttawa students, featuring tools like an AI-driven study partner.
• Developed a chatbot utilizing **OpenAI's API**, which reads and summarizes PDFs, while also accurately responding to follow-up questions based on the information within the PDFs.
• Front-end built with **Vue Javascript** library, and **Google Cloud** for managing user information.
• Used **Stream Chat Javascript** library to allow users to communicate with one another in private and public chat channels.

ACTIVITIES

Hack the Hill, *Vice President of Community*   Current
• Led a cross-functional team of 40+ members to conceive, plan and execute 10+ events with 50+ attendees each.
• Cultivated and maintained relationships with 4+ companies and organizations to co-create sponsored events and competitions.
• Advised other hackathons and student organizations on community engagement and event planning, offering best practices and insight.
• Used **OpenProject** for creating and assigning tasks.

EDUCATION

University Of Ottawa   Sept. 2021 - Current
Bachelors of Computer Science 2026
Scholarships: Admission scholarship, Dean's Honour List 2022.
CGPA: 8.43