



JUSTIN WANG

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Skills

Languages: Python, Java, C#, HTML5/CSS3, JavaScript, SQL, Typescript
Developer Tools: VS Code, Git, Android Studio, Jira, Confluence
Technologies/Frameworks: Linux, GitHub, Firebase, React, PostgreSQL, MongoDB, Angular

Education

University of Ottawa Sep. 2021 – Jan. 2026
Bachelors of Computer Science 2026 CGPA: 8.46

Experience

Sun Life Financial May. 2025 – Aug. 2025
MarTech Software Engineer Intern Toronto, Canada

- Worked in a team of 4 developers to query and update front end components, including forms and links, in over 20+ web pages using **Adobe Experience Manager (AEM)** and **SQL**.
- Diagnosed and fixed a character encoding problem in a **Java-based AEM** backend server, allowing accurate transmission of multilingual form data (including French accented characters) to **Salesforce API**.
- Authored and updated 10+ technical documentation pieces in **Confluence**, streamlining onboarding and project handovers

Telesat Canada Sep. 2024 – Dec. 2024
Software Engineer Intern Ottawa, Canada

- Automated certificate download and validation using **Bash** and **Powershell**, simplifying 15+ step process into a single script.
- Led team with 3 other developers in upgrading team project from **Angular 13 to 17**, modernizing dependencies and implementing updated **Material UI** components to ensure consistent design.
- Organized team using **Jira** to assign tasks and **Confluence** for writing documentation.

Nokia Jan. 2024 – Apr. 2024
Software Tester Intern Ottawa, Canada

- Created 10+ **REST API** tests using **TypeScript** to verify the creation, updating, retrieval, and deletion of user profiles for iSIM products within **Ubuntu OS** and **Unity Linux** environments.
- Ensured uptime for **Kubernetes** pods by monitoring connectivity and managing network configurations.
- Executed a CI/CD pipeline with **Jenkins** to deploy changes and tests to the main application.

Royal Bank of Canada May. 2023 - Aug. 2023
Android Developer Intern Toronto, Canada

- Contributed to RBC Mobile Banking and Direct Investment, two components of the RBC Mobile app serving thousands of daily users.
- Led 3 proof of concept projects for the app incorporating **REST API integration**, **machine learning** and **dynamic data visualization** using **Java** and **Kotlin**.
- Added a search bar within the Interac e-transfer module of the RBC Banking app, enhancing user accessibility for rapid contact search.
- Strong understanding of **Agile** and **Scrum** practices, with experience in **Jira** and **Confluence**.

Projects

Budget Bites (Hack Western) | *React, TempoLabs, Javascript*

- Led a team of **4 students** to create a budgeting and meal planning website
- Used **TempoLabs** to create a **React** website using **Typescript XML** and **CSS** to displays meals and recipes based on user input.
- Utilized **Javascript** to create a **web scrapper** to collect and save information gathered from supermarket websites.

Food Guardian (Hack the 6ix 2024) | *React, MongoDB, OpenAI API*

- 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 built using **HTML5**, **CSS3** and **JavaScript**.