Jasmine Sun

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EDUCATION

University of Waterloo • **Systems Design Engineering (BASc)**   *2020 – 2025*
Culminative GPA: 90% (3.93/4.0)
Relevant courses: Data Structures and Algorithms (**C++**), Digital Computation (**C++)**

SKILLS

Languages: Javascript/Typescript, Java, Python, C++, HTML, Kotlin, SQL, CSS/SCSS, XML
Framework/Libraries: React, Angular, JUnit, Bootstrap, Espresso, Appium
Tools: Git, SVN, Jira, Jenkins, Google Cloud Platform, MySQL, Android SDK, Adobe Photoshop

EXPERIENCE

Rich Media • **Web and Mobile Developer**   *September 2021 – December 2021*
- Debugged **100+** critical bugs using **Javascript** and **Angular** that affected **10,000+** users.
- Headed development of features in **Javascript/Typescript** and **Angular** to automate financial calculations and make them responsive and accessible.
- Refactored component libraries in **Javascript** to improve screen reading capabilities across all Rich Media applications; increased productivity by **15%.**
- Integrated **JUnit** testing and input validation checks to improve test coverage by more than **30%**.

Ritual • **Test Automation Engineer**   *January 2021 – April 2021*
- Implemented **50%** of Android automated test cases in **Kotlin**, **Appium**, and **Espresso** for the build sanity suite.
- Created TestRail test plans and reviewed them with key stakeholders; enhanced test coverage that caught **150+** bugs and ensured proper test coverage.
- Led QA efforts for user-facing projects, and tested server endpoints using **BigQuery** and **MySQL**; impacted over **1 million** users.

PROJECTS

Themeify   ⏻ /themeify
- Built a web application allowing users to search from the **70 million** songs from the Spotify API and play them with lyrics on-screen.
- Utilized **React** hooks for state management of search results and songs, and **Bootstrap** to customize the UI.
- Created HTTP requests for token-based authentication, and displayed relevant **JSON** data using **Axios**.

Pokédex   ⏻ /pokedex
- Developed a web application using the **REST** PokéAPI to streamline aggregating Pokémon information, allowing users to search for and interact with their Pokémon game data.
- Implemented front-end using **React** for state management of Pokémon data and pagination.
- Leveraged PokéAPI using **Axios** to gather Pokémon data and manage async web queries.

Eggcelent   ⏻ /eggcelent-web
- Engineered a customizable egg timer website using **React**, and a matching Android app using **Kotlin**.