JENNIFER RUAN

Toronto, CA

email ⋄ linkedin ⋄ website

EXPERIENCE

Software Analyst, UI | July 2023 - Present
Citigroup | *Mississauga, ON*

- Worked on the development of a web app for FX trading within a cross-functional team of developers and designers.
- Utilized **Angular, JavaScript** and **TypeScript** to architect dynamic and responsive user interfaces, empowering traders to seamlessly execute and monitor orders in real-time.
- Enhanced test coverage using **JEST** and **SonarQube** to ensure robust functionality and reliability.
- Collaborated in an **agile development environment** to keep projects on track and responsive to evolving requirements.
- Employed Jenkins and Openshift to enable seamless automatic deployment of builds and troubleshoot any issues within the **CI/CD pipeline**.

Software Developer Intern, Full Stack | May 2021 - Aug 2022
Winterlight Labs | *Toronto, ON*

- Engineered a multitude of full-stack features leveraging **React and Node.js**, translating design mockups into insightful data visualization tools to **assess product KPIs and employee performance metrics**.
- Employed **SQL and JavaScript** for comprehensive data analysis, catering to product team insights.
- Orchestrated the development of a **RESTful API** to introduce administrative capabilities, streamlining operations.
- Automated secure storage of contractor financial statements on **AWS** using **Node.js and JavaScript**.

Web Developer Intern, Full Stack | Aug 2020 - Feb 2021
Special Olympics Ontario | *Toronto, ON*

- Contributed to the design and implementation of interactive client-facing features utilizing **Vue and Node.js**.
- Led a website overhaul focusing on **CSS and HTML enhancements** for **improved tablet and mobile compatibility**.
- Conducted rigorous testing to prioritize **accessibility-first design principles and optimize website performance**.

PROJECTS

Financial Portfolio App. Collaborated with a team to develop an **Angular** app that seamlessly integrates with **real-time API data** sources, allowing users to buy, sell, and visualize their holdings.

2D C++ Game. A top-down 2D shooting game developed in **C++** that features procedurally generated levels and dynamic objectives. (Demo)(Code)

React Meal Planner App. Developed a **React-based** meal planning application providing users with access to a diverse range of recipes, customizable meal plans, and detailed nutritional information. (Code)

3D Unity Game. Led a team of 15 members in the creation of a goofy **3D game using Unity and C#**.(Demo)(Itch.io)

EDUCATION

Bachelor of Science, University of Toronto | Sept 2018 - Jun 2023
Major. Computer Science (in-major GPA: 3.58)

UX Design Certificate, Google Certificates | Jan 2024 - Present

SKILLS

Languages   JavaScript, TypeScript, HTML, CSS, SQL, Python, Java, C++, C#, C
Tools   AWS Cloud Services, Git, Bitbucket, Figma, SonarQube, Jenkins, Openshift