# Jeff Wang

Computer Science Undergrad  |  Software Developer  |  Web Designer

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## WORK EXPERIENCE

### Rainforest Automation Inc, Canada  —  *Software Developer*

Jan 2021  –  Sep 2021

- Developed 3 deliverables for the company portal using React and Redux, including a pricing graph using Canvas API and storing history JSON as Redux states
- Maintained, refactored, and debugged React components, Redux states, and optimized AJAX functions, resolving over 40+ JIRA tickets in 4 months
- Designed and automated front-end test scripts using Cypress and UNIX firmware test scripts using Python's Fabric library
- Automated REST API testing to monitor cloud health using Postman collections
- Troubleshooted UNIX firmware using Bash scripts and XML commands

### Prococious Technology Inc, Canada  —  *Database Support Technician*

Apr 2019  –  Dec 2019

- Applied database scripts on client servers using SQL Management Studio
- Performed cloud database set up, backups, and regular integrity checks
- Automated and debugged database backups and integrity check scripts in C++
- Responsible for regular software updates and SQL Server maintenance
- Assisted client technicians with software setup and database migrations

## PROJECT EXPERIENCE

### IO Games  —  *Personal Project*

Nov 2020

- Developed a web based multiplayer games using Node, Socket.io and ExpressJS
- Realtime communication between client server environment using web sockets
- Client connections organized into unique rooms and can run independently
- Implemented a group chat feature, 3 unique minigames and live score tracking
- GitHub: [github.com/jeffwang4321/IO-Games](github.com/jeffwang4321/IO-Games)

## EDUCATION

### B.A.Sc. Computing Science  —  *Simon Fraser University, Canada*

Expected Graduation: Winter 2022

- Database Systems II, Artificial Intelligence, Operating Systems, Networking, …

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, Java, HTML5, C, C++, C#, Swift, R

**Libraries & Frameworks:** React, Redux, Pandas, NumPy, Matplotlib

**IDEs:** Visual Studio, Android Studio, XCode, Python IDLE, NetBeans

**Technologies:** Git, Microsoft 365, Expo, Firebase, LINUX, SQL, AWS

## TRANSFERABLE SKILLS

- Strong interpersonal skills developed from past leadership and volunteering experiences
- Self-directed team member; dedicated to professionalism, communication, and patience
- Effectively convey technical concepts in writing or present verbally
- Fast and adaptable learner; able to quickly understand and utilize new technologies
- Highly motivated individual and works well under pressure
- Native proficiency in both English and Mandarin

## INTERESTS

- Graphic Design and Film Editing
- Web and App Development
- Game Design
- Racket Sports