

# 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

- Implemented 3 deliverables for the company portal using React and Redux, developing a pricing graph using Canvas API and storing JSON history cache
- Maintained, updated and debugged React components, Redux stores and optimized AJAX functions, resolving over 40+ JIRA tickets in a 4-month period
- Designed and automated test scripts for UNIX firmware using Python's Fabric library and automated front-end testing using Cypress
- Automated REST API tests 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

Oct 2020 – Nov 2020

- Developed a web based multiplayer games using Node.js and Socket.io
- 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](https://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