Jeff Wang

Computer Science Undergrad | Full Stack Developer | Web Designer

🌐 jeffwang.netlify.app
✉️ jeffwang4321@gmail.com
📞 +1 (778) 927 6762
in linkedin.com/in/jw4321

WORK EXPERIENCE

Web Application Developer - Government of Canada (PSPC - DSB)   Jun 2022 - Sep 2022

- Developed, maintained, and optimized ASP.NET web applications for Canadian government clients in C#
- Refactored and debugged MVC architecture, business billing logic, and SQL Server database connections
- Responsible for PHP database scripting, network troubleshooting, jQuery, AJAX, and Vue.js debugging

Software Developer - Rainforest Automation Inc   Jan 2021 - Sep 2021

- Developed, refactored, and optimized React components, JavaScript functions, and AJAX promises. Resolving over 40+ JIRA tickets in a 4-month period
- Implemented a pricing graph feature using Canvas API and optimized JSON history using Redux states
- Reduced the demand history graph's render time by 80% by implementing Redux caching
- Developed the inactivity timeout function that automatically logs off the user after a set period of time
- Designed and automated frontend testing using Cypress and firmware testing using Python's Fabric library
- Automated REST API testing to monitor cloud health using Postman collections and environments
- Updated, troubleshooted, and reprogrammed UNIX firmware using Bash scripts and XML commands

React.js   Redux.js   Cypress.io   REST APIs   TypeScript   AJAX   Python   AWS

Database Support Technician - Prococious Technology Inc (ClearDent)   Apr 2019 - Dec 2019

- Responsible for client software setup, updates, Microsoft SQL Server database migrations
- Maintained, debugged and applied schema updates to SQL Servers using SQL Server Management Studio
- Performed cloud database setup, backups, and automated integrity testing on DB backups using C++

PROJECT EXPERIENCE

Multiplayer Browser Game - IO Games - GitHub   Nov 2020

- Developed a cross platform multiplayer browser game using Node.js, Express.js, and Socket.io
- Implemented responsive design, a group chat feature, 3 unique minigames and automatic score tracking
- Organized client connections into unique game rooms where individual rooms can run asynchronously
- Implemented real-time communication between the client server environment using web sockets (TCP)

Node.js   Express.js   Socket.io   TCP   JavaScript   HTML   CSS   Git   Heroku

EDUCATION

B.Sc. Computing Science - Simon Fraser University, Canada   Graduating: Dec 2022

- Database Systems II, Operating Systems, Networking II, Data Mining, Artificial Intelligence, Data Structures