MARTIN WONG

Vancouver, BC

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Technical Skills

Languages: Java, Python, C++, HTML5/CSS3, JavaScript, SQL
Frameworks/Libraries: React.js, Vue.js, Express.js, Node.js, Mongoose, Material-UI, Tailwind
Developer Tools/Technologies: Git, Webpack, MSSQL

Work Experience

Avena Tech Corporation | Jul 2023 - Present
Web Developer | Node.js, HTML, CSS, Javascript | *Vancouver, BC*

- Developed the company's internal website, to deliver a user-friendly and efficient platform for internal documents
- Successfully diagnosed and resolved complex issues with WordPress websites, including troubleshooting plugin conflicts, database connectivity problems, and server-related issues
- Prototyped designs in Figma and developed them full-stack in React.js and Node.js to improve SEO and performance

Simon Fraser University | Apr 2023 - Sept 2023
Human Computer Interaction Research Assistant | C#, Python, Unity | *Vancouver, BC*

- Developed Unity simulations for IMU sensor data in order to analyze whether it accurately matches the real world for machine learning models
- Proposed an innovative approach to accelerate the data collection process without the need for physical sampling or camera-based video outputs
- Competing in the premier international conference of Human Computer interaction (ACM CHI 2024)

Auphan Software | Aug 2021 – Aug 2023
Technical Support | *Vancouver, BC*

- Resolved 1000+ tickets for POS software systems, payment processor integration, and software installation with big North American companies
- Collaborated with sales, development, and technical support teams to communicate regression reports and ensured tracking and support until resolution
- Troubleshooted database and server outages involving Apache, PostgreSQL, and pgbouncer

Projects

Kanban Planner | *MongoDB, Express, React, Node* | Apr 2022

- Developed and deployed a fullstack Kanban planner app which allows users to manage their tasks and projects in an organized and efficient way, using REST APIs and Mongoose for connecting Node and MongoDB
- Implemented with Material-UI for styled components and Axios for API requests
- Used react-beautiful-dnd library for efficient task management using drag and drop
- Included server-sided form validation using a backend library AJV

Project Kaisel | *React, HTML, CSS, Javascript* | Jan 2022

- Developed a web application using React in a team environment that display in-game statistics for any searched player using the Riot Games API
- Used Twitch API to display the top 5 currently most viewed games and top streamers with a live thumbnail and a viewer count that is updated every 30 seconds
- Implemented with API integration, fetching and handling data from different endpoints

SAP Hackathon | *MongoDB, Express.js, Vue.js, Node.js* | Oct 2022

- Developed a web application using the MEVN stack (MongoDB, Express.js, Vue.js, Node.js) for event planning
- Implemented routes and endpoints for the backend and connection to the database using Node.js and Mongoose
- Designed the frontend to be able to add, edit, and delete events

Education

Simon Fraser University | May 2022 – May 2025
Bachelor of Science, Computing Science | *Burnaby, BC*

Langara College | Sept 2021 – May 2022
Associate of Science, Computer Science (Dean's Honour roll) | *Vancouver, BC*