

# MARTIN WONG

Vancouver, BC

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## Technical Skills

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**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

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### Web Developer

**Jul 2023 - Present**

*Avena Tech Corporation* | Node.js, HTML, CSS, Javascript

*Vancouver, BC*

- Redesigned websites in Figma and developed them in React.js and Tailwind.css improving load times by **75%**
- Successfully diagnosed and resolved complex issues with WordPress websites, including troubleshooting plugin conflicts, database connectivity problems, and server-related issues
- Communicated and organized meetings with clients to discuss requirements and design changes

### Undergraduate Research Assistant

**Apr 2023 - Sept 2023**

*Simon Fraser University* | 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
- Conducted various tests using machine learning and T2M-GPT while modifying the code base to collect XYZ and rotational data generated from training data
- Collaborated with graduate students from SFU and Dartmouth College under the supervision of Dr. Xing-Dong Yang

### Technical Support

**Aug 2021 – Aug 2023**

*Auphan Software*

*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

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### 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

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### 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*