



JONATHAN XU

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SKILLS

Languages JavaScript • Java • C/C++ • Python • SQL • HTML • CSS • Racket
Technologies React • Node.js/Next.js • MongoDB • Express.js • mySQL • Redux
Personal UI/UX Design • Product Management • Technical Writing

RELEVANT EXPERIENCE

Business Team Developer

Vancouver, BC

UBC Solar Car Team

Sept 2022 - Present

- Created web app for 100+ members/alumni personal and resume data for sponsors with MERN stack.
- Worked in a team of 7 for event logistics, crowdfunding, and sponsorship coordination.
- Designed the front-end/UX for the team website to increase time on site by 25% (<https://ubcsolar.com/>).

Software Development Intern

Austin, TX

Goodland Capital

May - Sept 2022

- Designed an algorithm with mathematical modelling that highlights lucrative real estate properties.
- Constructed databases using PostgreSQL for business transactions to retire legacy systems.
- Helped identify and complete over 10 investment and homeowner transactions with the program.

First-Year Representative

Vancouver, BC

UBC Commerce Community

Sept 2021 - April 2022

- Organized with the team event logistics and budgeting for A Step Beyond Business flagship event.
- Reached out to 200+ local businesses to establish sponsorships and create business spotlights.
- Created marketing graphics and organized marketing campaigns for events and activities.

PROJECTS

UBCActivity.app

React, Next.js, Tailwind CSS, GraphQL, GraphCMS

- Built an online resource for students to learn about campus life outside school-held events.
- Created Next.js full-stack web app that considers scalability, user experience, and the CI/CD process.
- Utilized React and Tailwind for reactive frontend interface and GraphQL/GraphCMS for the database.

Level-Up

JavaScript, Node.js, Chromium, Electron

- Cross-platform application that turns self-improvement into a video game-style achievement/skill system.
- Used Node.js libraries for a customizable interface and Electron Forge for packaging and distribution.
- Helped me lose 15 pounds with workout and calorie tracking!

AI Travel Assistant

JavaScript, React, Express, Node.js, OpenAI API

- Web app that takes the user's budget and timeline to create travel itineraries and act as a travel assistant.
- Converts user input into optimized prompts for GPT-4 API calls to give Google Maps routes and more!

EDUCATION

University of British Columbia

Vancouver, BC

UBC Sauder School of Business

Sept 2021 - May 2024

- Major: Bachelor of Commerce & Computer Science
- Relevant Courses: Models of Computation, Software Construction, Intro to Relational Databases
- Recent Activities: BOLT UBC Data Analytics Bootcamp 2022 Winner, SAP Invitational Hackathon