Jason Zhao

Vancouver, BC | (403)-616-9399 | jason1382311@gmail.com | GitHub | Personal Website | LinkedIn

Technical Skills

Languages: TypeScript, JavaScript, PHP, HTML, CSS, Solidity, Python, C#, Java
Frameworks: React.js, Next.js, Tailwind, Three.js, jQuery, Nest.js, Laravel, Electron.js, Express.js
Tools/ Others: Git, Agile, Scrum, Redux, MongoDB, SQL, Node.js, REST, Jira, Prisma, Asana

Education

University of British Columbia   **September 2020 – Present**
BSc. Computer Science · 3.9/ 4.0 GPA   *Vancouver, BC*
- 3rd Year Student, Deans List

Relevant Courses: Object Oriented Programming, Data Structures and Algorithms, Computer Systems, Software Engineering, Relational Database, Algorithm Design and Analysis

Experience

Software Engineer   **January – April 2024**
Splunk   *San Francisco, CA*
- Incoming winter intern for enterprise dashboard team.

Junior Software Engineer   **May – November 2023**
KLKTN   *Vancouver, BC*
- Contributed to the full software development lifecycle of multiple **React.js/ Next.js** web applications, taking ownership of key features including the landing page, store page, item view page, and various components.
- Enhanced **Nest.js backend** by implementing CRUD APIs utilizing **Prisma** for seamless database interaction.
- Engineered an interactive application page enabling users to seamlessly engage with the blockchain for NFT minting, efficiently managing over 500 transactions within a span of a few seconds.
- Build interactable **3D environments** using React Three Fiber to allow over 20k users to display their NFTs.

Software Developer   **September 2022 – April 2023**
STN Video   *Victoria, BC*
- Maintained and improved the **JavaScript/ Laravel** dashboard application by fixing bugs and implementing new features, resulting in enhanced performance and increased user satisfaction.
- **Led discussions** and **gathered feedback** on new features with stakeholders and collaborated with over 5 cross-functional teams to **brainstorm** new ideas for my team's features.
- **Designed** and **engineered** the Front-End and Back-End functionalities for 3 dashboard pages, with features such as filtering, searching, and editing, to deliver improved usability and enhanced user engagement.
- **Developed** an authorization code generation REST APIs using PHP, allowing 4 departments to generate authorization codes without a support request, resulting in an **improvement in workflow efficiency**.

Web Application Developer   **May – August 2022**
Goopter eCommerce Solutions   *Burnaby, BC*
- Implemented features and fixed bugs on the e-commerce **React.js/ Electron.js** webs and mobile applications to increase client satisfaction, based on online reviews by **20%**.
- Advocated for and developed a new DoorDash feature on the **React.js** dashboard web application which allows customers to use the DoorDash Drive service, resulting in a **10% increase** in customer usage.

Volunteer

Software Engineering Intern   **March – June 2023**
Intern Guys   *Irvine, CA*
- Implemented new features by utilizing React.js for front-end and .NET/C# for back-end in 2 projects.

Projects

DuoASL · 1st place for Healthcare & Accessibility   **nwHack Hackathon Project**
Next.js, React.js, TypeScript, Auth0, Flask, Python, TensorFlow   *January 2024*
- Gamified learning application that teaches ASL by engaging users in level-based modules with instructional videos and real-time validation of user signs which is powered by our Action Recognition neural network.
- Engineered a custom dataset for our LSTM Deep Learning Model that achieved an accuracy averaging 90%.