MATHEW LUONG

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EDUCATION

University of Calgary - Bachelor of Science, Computer Science, 3.7/4.0 GPA   Sep 2018 - Dec 2022

- Relevant coursework: Object Oriented Programming, Data Structures & Algorithms, Computer Networks, Database Management Systems, Principles of Operating Systems, Web-Based Systems

EXPERIENCE

Frontend Developer Intern   Aug 2023 - Nov 2023

Alibi   Remote

- Established session persistence by creating a custom **React** hook resulting in a 25% improvement for user load time
- Implemented in-app purchases using **Stripe** and **Firebase** by designing **Firestore** models and crafting frontend components for purchase-related features, such as receipts, payment details, and booking information
- Collaborated with cross-functional teams in an **agile** manner, addressing client-specific needs and enhancing existing systems

Banquet Server   Sep 2018 - Present

Hyatt Regency Calgary   Calgary, AB

- Lead and mentor a team of 4-5 banquet servers, ensuring all members are organized for exceptional service
- Collaborate with servers to guarantee high quality service in a prompt and courteous manner according to event order
- Communicate effectively with guests, resolving issues or concerns in a timely and professional manner

PROJECTS

CVNNECT   **Link**

Fullstack web application   Next.js, TypeScript, Firebase, Framer Motion, Tailwind CSS

- Architected a serverless SaaS website for creating and sharing digital business cards
- Built support for customizing business card templates and sharing cards by QR code, email, or link
- Implemented user authentication with multiple auth providers (Google, Email) using Firebase authentication

MovieFinder   **Link**

Fullstack web application   Next.js, TypeScript, Prisma, PostgreSQL, Tailwind CSS, MUI

- Developed a single page application that accesses TheMovieDB API endpoints for searching for movies, accessing random movies, and favouriting movies
- Implemented server-side rendering to improve page load time, achieving Lighthouse Performance, Accessibility, and SEO scores of 100
- Integrated backend API with frontend to support creating a user account, adding favourites, and removing favourites

Blog Site

Fullstack web application   MongoDB, Express.js, React, Node.js, JavaScript

- A web application similar to Reddit where registered users can create text/image posts and engage with them
- Designed and implemented a RESTful API to handle CRUD operations such as post creation, retrieval, deletion and user information storage
- Devised a mobile-first, responsive UI using Figma and implemented the front end through reusable React components

TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript, TypeScript, HTML, CSS, SQL
Frameworks and Libraries: React, React Native, Next.js, MongoDB, Node.js, Express.js, Tailwind CSS
Developer Tools: Firebase, Git, Jira, Agile/Scrum methodology