

James Yoo *Full-Stack Developer*

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EDUCATION

Simon Fraser University, *BSc, Concentration in Interactive Systems* *Expected Graduation: April 2024*

- **Relevant Coursework:** Object-Oriented Programming, Discrete Mathematics, Algorithms, Software Designs and Implementation, Database Systems, Full-Stack Development

LANGUAGES & TOOLS

Languages: Python, Java, JavaScript, Typescript, jQuery, HTML, CSS, SCSS, Git, PHP, C++

Frameworks: ReactJS, React Native, NextJS, TailwindCSS, Bootstrap, NodeJS, ExpressJS

Database: MongoDB, MySQL, Firebase

Design: Figma, Zeplin, Adobe Photoshop, Adobe Illustrator

TECHNICAL WORK EXPERIENCES

Full-Stack Developer

May - July 2023

Homestay Canada (Freelance) | NextJS, SCSS, ExpressJS and MongoDB

- Developed a user-friendly full-stack web application connecting homeowners with potential homestay seekers, addressing the increasing demand for a platform in the homestay industry
- Implemented a REST API to facilitate smooth communication between the frontend and backend components, ensuring dynamic content updates and an optimal user experience.
- Implemented advanced filtering options to enable users to easily find the most suitable homestay options, enhancing satisfaction and engagement.
- Integrated a headless CMS to empower administrators with streamlined content management, facilitating agile updates and improvements, ultimately optimizing the application's functionality and user accessibility.

Front-End Web Developer

August - December 2022

Brixwork Real Estate Marketing (Co-op) | HTML, SCSS, PHP, and jQuery

- Developed browser-compatible, mobile-first websites from the approved templates, incorporating custom code modules.
- Managed clients' sites at the root cPanel level, which included AWS S3 backup, SSL certificates, and code maintenance.
- Led migration to PHP 8.1, boosting security and performance while ensuring SSL compliance.

PROJECT EXPERIENCE

Java Developer and Researcher

March - April 2023

(Academic Project) | Java

- Integrated a research article implementation using Java to create an impressionistic technique, allowing users to control various parameters for image transformation.

Full-Stack Developer

Nov - Dec 2021

World Institution Database (Academic Project) | HTML, Bootstrap, CSS, jQuery, and PHP

- Collaborated in a team to build a functional web application with MySQL database integration, enabling users to browse, filter, and comment on institutions worldwide.

NON-TECHNICAL EXPERIENCES

Club Fitter and Sales Associate

Oct 2018 - Aug 2022

GolfTown Coquitlam

- Managed multiple priorities at once and maintained a high level of customer service using strong communication and interpersonal skills.

Teaching Assistant - Software Tutor

Oct - Dec 2021

Fraser International College

- Administered weekly labs to a class of 25+ students, providing instruction for using Adobe software such as Illustrator and InDesign