

# James Yoo *Full-Stack Developer*

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## EDUCATION

**Simon Fraser University, BSc, Concentration in Interactive Systems** *Expected Graduation: Oct 2025*

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

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, JavaScript, Typescript, PHP, C++

**Web Development:** HTML5, CSS/SASS, jQuery, ReactJS, NextJS, TailwindCSS, Bootstrap

**Database:** NodeJS, ExpressJS, MongoDB, MySQL, Firebase

**Development Tools:** Git, Figma, Zeplin, Asana

## TECHNICAL WORK EXPERIENCES

### Indie Game Developer

*Aug - Present 2023*

CodeCanvas | Unity, C#, HTML5, JavaScript

- Currently developing an engaging educational game using Unity and C#.
- Optimizing gameplay, content, and features for an enhanced user experience.
- Collaborating weekly with global teams, including game developers, UX/UI designers, project managers, and animators, to produce educational games.

### Full-Stack Developer

*May - July 2023*

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

- Developed and designed a user-friendly, end-to-end solution connecting homeowners with potential homestay seekers, effectively meeting the rising demand for a homestay matchmaking platform.
- Implemented a REST API for real-time content updates and integrated headless CMS efficient content management.
- Enhanced user satisfaction with advanced filtering options for homestay selection.

### 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, AWS S3 backup, SSL certificates, and led migration to PHP 8.1 for improved security and performance.
- Collaborated in an agile environment to meet project deadlines.

## 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 instructions and lead lab sessions teaching web development using HTML, CSS, and JavaScript and Adobe software using Illustrator and InDesign.