James Yoo *Web Developer*

james_yoo_2@sfu.ca | 778-903-0729 | https://www.jamesyoo.dev/

PROFILE

Highly motivated creative front-end developer and user-interface designer with a goal to provide and create positive user experience web solutions. Skilled in developing web-based applications, designing, and prototyping.

TECHNICAL SKILLS

● HTML/CSS	● JavaScript/jQuery	● PHP	● MySQL
● ReactJS	● C++	● SCSS/SASS	● Bootstrap
● Git	● Java	● ChakraUI	● DOM manipulation

DESIGN SKILLS

● Wireframing	● Prototyping	● Interface Design	● Ideation

DEVELOPMENT EXPERIENCES

Front-end Web Developer   *August - December 2022*
Brixwork Real Estate Marketing (Co-op position)
- Developed websites from the approved template visuals and custom code modules that are browser compatible and mobile-first responsive.
- Developed and maintained clients websites at the root cPanel levels by creating AWS S3 backup, enabled SSL certificates by meeting the SSL protocols, and other maintenance levels.
- Initiated and developed the core template from PHP version 7.3 to 8.1 by debugging codes that were deprecated in the previous version and documented changes to improve security support, prevent from security vulnerabilities and take advantage of the performance enhancement in the latest PHP version.
- Pointed the clients DNS record to the company A record so it can be managed at the root level.

Full-stack Developer   *Nov – Dec 2021*
World Institution Database (Academic Project)
- Collaborated in a team of two to make a functional web application that allows users to browse a list of institutions around the world to filter and comment.
- Coded a fully functional web application, implemented with a MySQL database to store, retrieve and record updates.
- Built positive interaction and processed databases using HTML, CSS, jQuery, PHP and MySQL.

Mobile Developer   *Feb – Apr 2021*
GeoMemories (Academic Project)
- Developed and designed a functional Java application that allows users to capture memories by pinning geographical locations along with posts.
- Programmed an ambient temperature sensor to translate temperature into dynamic background colors depending on the temperature, and implemented camera functionality and store in local storage which can be viewed as a list as a thumbnail and acts as a CTA button which displays more information about the captured memories on that day.
- Developed an account registration portal with data stored locally and used for password validation

Visual Analyst   *Feb – Apr 2021*
Educational Visual Analytics (Academic Project)
- Independently designed and implemented an interactive visualization for multidimensional data using ObservableHQ and D3JS (Visualization Library).
- Implemented two datasets to analyze how parental level of education and income impacts students academic performance and graduation rate.

DESIGN EXPERIENCES

Web & Experience Designer   *Jan – Apr 2022*
David Ganz - Swiss Films (Academic Project)
- Prototyped and wireframed a concept website design for Swiss Films tribute to an Actor Bruno Ganz using Figma and Adobe AfterEffects.
- Ideated and designed micro-interactions that pushed the boundaries of screen-based interactions.

Experience & Mobile Application Designer   *Jan – Apr 2022*
Be My Eyes (Academic Project)
- Analyzed the client problem space and redesigned a mobile application using Figma.
- Utilized design frameworks to structure the problem-solving process to work more effectively.
- Identified points of intervention in the user's experience to enhance the approaches and redesign the experience.
- Created a responsive mobile prototype in Figma and a user scenario video that demonstrated the use-cases of the application.

WORK 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

Program Facilitator   *Feb - May 2020*
Media Minds
- Collaborated with program facilitators and volunteer supervisor to facilitate a classroom of 25 students from grade 5 to 7 to assist with the weekly activities to promote creativity, and positive social connections through film education.

EDUCATION

BSc. in Interactive Arts and Technology   *Expected Graduation: April 2024*
Simon Fraser University

iOS Development Program Bootcamp   *Jun - Aug 2021*
BrainStation
- Created a functional and responsive iOS application using Swift to fetch a game API data to display the lists of characters and statistics.