Brian Hsu
Front end developer

Experience includes collaborating in team-driven environments to create high-performance applications. Familiar with applicable design and user practices.

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SKILLS

JavaScript HTML CSS React Bootstrap C/ C++ Java Python Matlab Visual Studio Code

Microsoft SQL Server Android Studio IntelliJ IDEA

EDUCATION

Bachelor of Applied Science - Computer Science
Simon Fraser University

09/2017 - Present

PERSONAL PROJECTS

Portfolio (04/2021 - Present)
- Developed a personal portfolio using JavaScript, CSS, and HTML to introduce my background and work
- Enabled smooth scrolling feature on the navigation bar to display each section with easing effect when clicked
- Created contact form using EmailJS for users to have access to directly contact
- Applied GSAP to have various animations throughout the website

Agar.io (01/2021 - 01/2021)
- Created the game Agar.io using vanilla JavaScript and HTML
- Applied object-oriented programming pattern to structure the attributes of objects in the game
- developed a key map to detect multiple keyboard inputs for users to move the character diagonally
- imported basic physics to the character to simulate real-world object movements

Recipe Dictionary (02/2021 - 03/2021)
- Developed a recipe searching website using React and Edamam API to collect results on search
- Structured the application using React components to separate code for each section
- Employed CSS flexbox and CSS grid to build responsive layouts for different screen sizing
- Implemented dynamic API fetch calls with ES6 syntax to collect data according to the value in React state

Regional Restaurant Report (04/2020 - 06/2020)
- Built a data report application using Android Studio to display information of regional restaurants
- Integrated Google Map API to visualize restaurants' location on the map
- Employed Postman to fetch data from URLs to retrieve and update the report accordingly

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WORK EXPERIENCE

Home solution advisor
Best Buy

10/2018 - 01/2021   *Richmond, Canada*
Achievements/Tasks
- Fielded customer complaints and issues, with 90% of issues resolved to customer satisfaction and several written /verbal compliments
- Memorized store organization system, as well as special products and promotions all while directing customers to desired products
- Up-sold additional warranty protection and store offers to achieve store budget
- Amplified current knowledge of new technological trends for home solution related area

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LANGUAGES

English
Professional Working Proficiency

Mandarin
Native or Bilingual Proficiency