Adam Peterson

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Skills

TECHNICAL SKILLS

- **Languages:** Java | JavaScript | HTML | CSS | Python | SQL
- **Frameworks and Packages:** Spring Boot | React | Redux | Ant Design | Jest | RTL

Work Experience

EMONSTER SOLUTIONS | Richmond, BC | Junior Full Stack Web Developer   Jan 2022 – Jan 2023

- Fulfilled 3 work terms (1 year) of co-op as a Junior Web Developer. Worked on back-end features using the Spring Boot Java framework and completed front-end tasks using React, Javascript, HTML/CSS.
- Developed payment functionality on the backend of a web application which uses an external API to record payments made on orders and record transactions in a MySQL database.
- Worked on the front-end of a warehouse management application, including a warehouse shelves page designed with AntD which virtually maintains the contents of inventories within the client's warehouses.
- Conducted comprehensive web application testing, including unit and integration testing to ensure app functionality and that performance standards were met.

UNDERGRADUATE TEACHING ASSISTANT | Burnaby, BC | CMPT 120 TA   Sept 2021 – Dec 2021

- Assisted the professor with running the class remotely, coordinating other Teaching Assistants to help students.
- Developed, checked and graded assignments and other course resources in Python.

SFU PEER TUTORING | Burnaby, BC | Introductory Computer Science Tutor   May 2021 – Aug 2021

- Worked with several students in providing free tutoring to students in key programming concepts such as data structures and algorithmic problem-solving.

SFU PSYCHOLOGY LAB | Burnaby, BC | Data Entry   Sept 2019 – Dec 2019

- Assisted in research activities for a social psychology lab at Simon Fraser University.
- Contributed to an internal-use research management application responsible for recording information related to research participants during experiments.

Projects

DESTINY 2 PLAYER AID *pimfr.s3-website.us-east-2.amazonaws.com*   Sept – Nov 2023

- Designed a Destiny 2 application with React and SpringBoot Java that aims to simplify problematic in-game tasks.
- Contains an inventory management tool that expedites tedious in-game item transfers, as well as a home page which details weekly rotating activities in the game which are otherwise inconvenient to track.
- Implemented Bungie's Destiny 2 API and oAuth2.0 authentication to access and retrieve real-time player account data.
- Created an intuitive drag and drop UI that enables players to interact with their items in-browser.
- Manages user sessions and issues session tokens by leveraging a MySQL database to store and retrieve user information.

RUNNING JOURNEY APPLICATION *adamsrunningstuff.netlify.app*   Aug – Sept 2023

- Designed a React web app to document my running/fitness journey! Details a history of all my recorded runs, equipped with heart rate, GPS, pacing information and more .
- Fetches all necessary information from the Strava API, a fitness social media app I use to record my runs.

Education

SIMON FRASER UNIVERSITY, BURNABY BC   Year of Graduation - 2023

- Bachelor of Science in Computer Science   *3.41 GPA*
- Dean's Honour Roll   2x Terms
- Relevant 4th Year Courses: Computer Algorithms (A), Database Systems II (A), Requirements Engineering (A).