David Lutman

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Technical Skills

Programming Languages: Java, C++, C, Typescript, Python, CSS, HTML
Software: IntelliJ, R, WebStorm, SoapUI, qTest, VMware, Fiddler, VS Code, Git, SQL

Personal Projects

Todo List   Feb 2021 - Mar 2021
- Developed a todo list app using React.js that allows the user to manage their list of tasks for the day
- Users can add, delete, and check-off tasks in the app. The number of active tasks is displayed for the user.
- Users can filter the displayed tasks based off of completion and can also delete all completed tasks by clicking a button.

Skills: React.js

Memory Card Game   Jan 2021 – Feb 2021
- Developed a simple card matching memory game using python and the pygame library
- Users would click two images at a time to attempt to match them together, if wrong the images would flip over and the user would try again. User would then be prompted to retry after matching all of the images.

Skills: Python

Academic Projects

UBC Insights Query Engine   September 2017 – Dec 2017
- Developed a full stack web application that parses UBC metadata and allows users to query information on the University
- Working with a partner, we used Agile methodologies and RESTful design to build our web application
  Parsed HTML data with parse5 to construct JSON datasets

Skills: TypeScript, Node.js, Agile Development, Test-driven Development

Mind the Gap   January 2016 – April 2016
- Developed an Android transit application that maps out London's transit stops and retrieves real time information
- Parsed data using JSON parsing from Transport London API and plotted tube lines and stations on a map using OSMDroid and OSMBonusPack libraries

Skills: Java, JSON, Junit, Testing, Object oriented programming

Technical Experience

Associate Software Developer   September 2018 – Sept 2019
Absolute Software   *Vancouver, BC*
- Created and maintained automated, UI, and End-to-end tests using SoapUI, qTest manager and VMware
- Helped convert over 300 test cases from SoapUI to a new Rest-Assured platform
- Worked with a team using Agile and Scrum methodologies
- Developed and tested new Java REST API endpoints as well as maintained and debugged existing ones.

Education and Experience

Bachelor of Arts, Computer Science Major   September 2015 – Dec 2020
University of British Columbia   *Vancouver, BC*
- Computer science course average of A- *(80.4%)*
- Relevant courses: *Computation, Programs and Programming (88%), Software Construction (87%), Basic Algorithms and Data Structures (85%), Models of Computation (83%), Applied Machine Learning (86%), Advanced Software Engineering (88%)*

Philanthropy Committee Member   January 2016 – Sept 2018
Phi Gamma Delta UBC Fraternity   *Vancouver, BC*
- Helped organize and manage two campus wide events with attendance of over 150 students.
- Raised over $6,000 for the Leukemia and Lymphoma Society of Canada.

Interests
- Fantasy and Sci-Fi Novels
- Recreation Soccer and Basketball
- Building Computers