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

Personal Projects

Memory Card Game   Jan 2021 – Present
- Developed a simple memory matching 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.

  Skills: Python

Personal Website   December 2020 - Present
- Developed a personal website using HTML and CSS to showcase information about myself
- Contains multiple pages with information about personal projects, other hobbies, interests, and my resume

  Skills: HTML, CSS

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%)*

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.
- Awarded Phi Gamma Delta Canadian Foundation Scholarship ($1,000) for leadership and good citizenship

Interests

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