Jaryd Fisher

301-1818 Robson Street

Vancouver, BC V6G 1E3

https://www.linkedin.com/in/jaryd-fisher-0159b219a

Jaryd_fisher@hotmail.com

(250) 938-3632

https://github.com/jarydf

EDUCATION

Bachelor of Science, Major in Computer Science

University of British Columbia, Okanagan   Sept 2015 – Dec 2019

- **Capstone Project 2018-2019 | Analog Gauge Reader (AGR):** Developed and designed a web application with a team of four, which analyzed aircraft gauges using computer vision algorithms. We utilized Python's OpenCV library, PHP, JavaScript, CSS, HTML, and MySQL. Additionally we further developed the AGR using continuous integration methodologies. Travis CI was integrated with Git to run unit tests while commits were made on repositories. Data pipelining was utilized to send JSON files back and forth between JavaScript, PHP and Python.

- **Software Engineering Project 2018 | Mapping For a Change (MFC):** Created a website with a XAMPP stack to match customers with low income housing options for living based on the clients housing database. Customers would select certain requirements on a form that would be processed through a ranking algorithm with PHP to match the customer with hundreds of options. In order to develop with a team of six, we used git for version control and managed tasks using trello. Applied Scrumban as our agile development methodology.

- **Web Development Project 2017 | Trap Buzz:** Spearheaded a blogging website for multiple topics including sports, music and travel. This project was developed with a partner utilizing HTML, CSS, JavaScript(JQuery), MySQL and PHP. We Managed asynchronous requests with AJAX to constantly update the blog and comments. Users could view hot topics, search for posts based on a key word and view specific genres to their liking.

RELEVANT COURSES

- **Software Engineering:** specification, design, implementation, testing and maintenance
- **Computer Vision:** image segmentation, feature detection and image processing
- **Networks:** TCP/IP, network programming, routing, addressing, congestion control, error handling, security and network management
- **Analysis Of Algorithms:** Big-O notation, searching, sorting and dynamic programming
- **Web Development :** Git version control, XAMPP stack, JavaScript, HTML and CSS
- **Databases:** Relational databases, querying with SQL and designing with UML

NOTABLE SKILLS

- **Project Management:** proficient with agile management and continuous integration using Trello, Slack, and Travis CI
- **Data Analysis:** Skilled with techniques for computation, analysis, and visualization of data using python
- **Data Structures and Algorithms:** A good understanding of organizing data using the right data structures and algorithms to solve a specific problem in less time with less space
- **Object Oriented Programming (OOP):** Years of OOP experience using Java
- **IDE/Text Editor Experience:** Hands on experience with Android Studio, Eclipse, Visual Studio, and Atom
- **Proficient Coding Capabilities:** 3 years of experience with Java and JavaScript(JQuery)
- **Familiar Coding Capabilities:** Python, C#, PHP, SQL, MATLAB, CSS, and HTML
- **Novice Coding Capabilities:** NodeJS, React/Redux/React-Native, R and XML

WORK EXPERIENCE

Barback

Sapphire Nightclub, Kelowna, British Columbia   August 2016 – Jan 2018

- Learned how to finish tasks under a lot of pressure with limited time
- Used skills like communication, decision making, teamwork and organization