Logan Fuller

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Technical Skills

Programming & Software Development
- Python (Flask), HTML5/CSS3, JavaScript, Java (Android), C#, PHP, XML
- SQL/PL-SQL, Oracle/SQL Server DBMS
- Experience with Google's Material Design Components and Firebase development platform.
- Knowledge of the software development life cycle including the waterfall and agile methodologies
- Proper life cycle for software development including planning, design, development and testing.
- Ability to communicate with customers/users to effectively develop user requirements.

IT Technical Support
- Experience with identifying and repairing issues with Windows 7/8/10 software.
- Extensive experience with identifying and repairing hardware issues with desktops and/or laptops.
- Experience using the Microsoft Office suite (Word, Excel, Outlook, OneNote and PowerPoint) with an understanding of SharePoint.

Professional Experience

Josto Computers, *Technician*   Jan 2019 – Dec 2019 | Kamloops
- Coordinated and presented four monthly television segments which offered tips and solutions to common technical problems as well as showcased new technology to a wide audience.
- Maintained logs and records of daily transactions, problems, and remedial actions taken.
- Maintained both Windows and Mac software in-person and remotely using remote control software.
- Diagnosed and repaired computer hardware including laptops and desktops.

Roche Lake Resort, *Website Developer / IT Support*   Jun 2018 – Sep 2018 | Kamloops
- Maintained and updated a legacy website that used tables and needed to be made responsive.
- Assisted with setting up and maintaining hardware and software both on-site and remotely.

Teck Resources, *IS System Support (Co-op)*   Jan 2017 – Apr 2017 | Calgary
- Worked with ServiceNow (ITSM) to create, maintain, and prioritize incoming tasks and issues.
- Designed and programmed SQL scripts which would be used to generate reports using SQL Server Reporting Services (SSRS).
- Programmed and deployed SQL scripts to live systems which would update live mining equipment.

Independent & Work Projects

SSRS Report for Site Foreman, *Teck Resources*
- Tasked with designing and implementing a query with SQL which would populate a report.
- Report was to be used in reporting daily metrics and KPIs to senior/management staff.
- Spent a lot of time learning about table pivots for relational databases and understanding the logical and physical model(s) for a very large and live database schema.

Steam Roulette ↗

- A JavaScript/Python web application that helps users pick a game to play by randomly selecting one via an API call and displaying it to the user.
- Uses a Python Flask web server which is then deployed to the Heroku platform for hosting.
- Uses Python for server-side logic and JavaScript for most client-side logic.
- Learned about using Flask to communicate with a public web API as well as the difficulties of properly securing and managing access to an API key.

Calorie Countdown

- My first attempt to develop with the Kotlin language for the Android development platform.
- Uses my take on following the Material Design design framework created by Google.
- Learned about discovering and implementing 3rd party libraries as well as understanding and improving my ability to pick up a new programming language and create something with it.

School Projects

Derby, *Top-Down game being created in Unity*   2020
- A top-down 3D game designed in Unity for my Mobile Application Development 2 class.
- Uses a third-party A* algorithm library for handling path finding for AI opponents.
- Designed and programmed along with two other group members which included weekly meetings and the use of the Kanban-style platform, Trello to organize and assign relevant tasks.
- Optimized for mobile devices by being able to handle multiple screen ratios and touchscreen input.

Education

Thompson Rivers University,   Present
Bachelor of Computing Science (4th Year)
- Maintaining a 3.7 GPA

Relevant Courses

Advanced Software Engineering, *Thompson Rivers University*
- Wrote multiple reports for each step of the software engineering process.
- Learned about both Agile and Plan-Driven development methodologies.
- Learned about the true cost of software development including design, implementation, testing, and maintenance.

Advanced Database Design, *Thompson Rivers University*
- Reinforcing SQL skills to manage a database.
- Being introduced to the concepts of data mining and data warehouses.
- Creating models of databases that are normalized in 3NF (Third Normal Form)

Natural Language Processing, *Thompson Rivers University*
- Designed and built a text summarizer using Python that would take text and generate a summary of the text based off of the most commonly used words and phrases.
- Designed and programmed an emotion analyser using Python which would take text and analyse the emotional value of said text and output the average emotion of the text.
- Learned about how computer-generated voice assistants produce and understand voice.