Ryan Peterson

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Technical Skills

- **Languages:** C, C++, Java, Visual Basic, Shell Script, SQL, MongoDB, HTML, CSS, SASS, JavaScript
- **Tools and Libraries:** IIS, Git, Ionic Cordova, Bootstrap, Firebase OAuth, jQuery, AngularJS, Unix/Linux, Windows, Mac OS, Visual Studio, IntelliJ, .NET

Work Experience

Software Developer   Sep 2018 – Present
Piccolo Software – Richmond BC
- Used JavaScript frameworks like AngularJS and Ionic Cordova daily while working on company suite of mobile web apps used by thousands of customers in the Vancouver area
- Aided the company in updating security protocols and standards by renewing and installing SSL certificates to provide secure transfer of customer data
- Trained new co-op students to ensure maintenance of company standards

Software Developer – Co-op   Sep 2017 – Sep 2018
Piccolo Software – Richmond BC
- Utilized Visual Basic's .NET framework to construct RESTful APIs allowing front end JavaScript development to smoothly and dynamically create an intuitive and natural user experience.
- Interacted with clients to determine requirements and to confirm design choices to assure client's satisfaction

Technical Projects

Spotify Playlist Sorter
Personal Project
- Planned and developed a full-fledged web app allowing users to sort their Spotify playlists based on multiple aspects of a song's metadata by using Spotify's REST API
- Employed usage of MongoDB NoSQL databases to allow smart caching of frequently used song information, as well as a subscription service for continuous playlist organization

Weather Trail Tracker
Mountain Madness Hackathon, SFU
- Worked in a team of four to create a visually appealing website to list and sort through hikes in the Vancouver area, as well as view up to date weather information in the area
- Developed the majority of the front-end of the website while focusing on material design guidelines to provide a uniform and smooth user experience

Education

Simon Fraser University   Sep 2015 – Dec 2020
- Bachelor of Science – Major in Computing Science