

# Ryan Peterson

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## Technical Skills

- **Languages:** C#, Visual Basic, Shell Script, SQL, MongoDB, HTML, CSS, SASS, JavaScript, TypeScript
- **Libraries:** Ionic Cordova, Bootstrap, jQuery, .NET, AngularJS, React
- **Tools:** Git, Firebase OAuth, Visual Studio, MS SQL Server, Jira, Azure DevOps, Docker, CircleCI

## Work Experience

### Web & Mobile Development Co-op

Sep 2019 – May 2020

#### BGC Engineering Inc. – Vancouver BC

- Regularly worked with TypeScript and C# on data management tools used internally by hundreds of geological engineers
- Helped lead the transition of team projects to the React framework by researching technologies, designing prototypes, and developing shippable product components
- Continuously practiced Scrum methodology within a medium sized team over standard two week sprints to ensure smooth development performance and aid team dynamic

### Software Developer

Sep 2017 – Aug 2019

#### Piccolo Software – Richmond BC

- Used 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
- 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 web app allowing users to sort their Spotify playlists based on multiple aspects of a song's metadata by using Spotify's REST API
- Used MongoDB NoSQL databases to allow smart caching of frequently used song information, as well as a subscription service for continuous playlist organization

## Education

### Simon Fraser University

Sep 2015 – Aug 2021

- Bachelor of Science – Major in Computing Science
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