

Viktor Alvar

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EXPERIENCE

- **Purposely** Burnaby, BC
Software Developer Intern April 2019 – May 2019
 - Joined a small startup with a team of four students as part of a school project practicum
 - Redeveloped an existing event management feature to be more user-friendly using React
 - Improved the efficiency and workflow for event coordinators on the platform by displaying a list of volunteer applications that they can accept with a single click

PROJECTS

- **Android GPS** April 2019
 - Collaborated with three students to build an Android application that sends its location to a server and displays them onto a map
 - Designed and developed the android application's user interface and network connection to the server using socket programming in Java
- **File Transfer Application** March 2019
 - Developed a desktop application in C++ that tested the difference between TCP and UDP by sending files between two Windows workstations in a LAN
 - Established a client/server connection using Win32 API and collected statistics such as packet loss and transfer speed to compare both protocols
- **Happy Days** September 2018 – November 2018
 - Worked in a team of three to make an Android application that promotes a healthy lifestyle for citizens living in the city of New Westminster
 - Used New Westminster's open datasets and Mapbox SDK to draw local routes onto a map
 - Implemented the user interface using Android Studio's Layout Editor
 - Won first place at the New Westminster and Maple Ridge Android Event (Health Category)
- **FreshFridge** April 2018 – May 2018
 - Created a mobile responsive web application with three other students that recommends recipes based on the ingredients in their fridge
 - Designed and developed a feature that allowed users to save ingredients into their digital fridge using JavaScript, HTML, and CSS

EDUCATION

- **British Columbia Institute of Technology** Burnaby, BC
Computer Systems Technology Diploma - Data Communications Option September 2017 – May 2019

SKILLS

- **Languages:** Java, C, C++, HTML, CSS, JavaScript (Node/React), SQL
- **Tools:** Visual Studio, Eclipse, Android Studio, Git, Postman, Slack, Trello
- **Operating Systems:** Windows, Linux (Ubuntu/Fedora)