

# Viktor Alvar

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## EXPERIENCE

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### Software Developer Intern

April 2019 – May 2019

*Purposely*

*Burnaby, BC*

- Designed basic wireframes and mockups using Adobe XD
- Optimized admin pages to improve user experience using React
- Updated API endpoints to support new front-end components using Django REST framework

## PROJECTS

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### Android GPS | *Java, Android, React, MongoDB*

April 2019

- Location tracking app with web view interface built using Android and React
- Constructed android app user interface using Android Studio layout editor
- Connected front-end and back-end using socket programming
- Saved GPS data in a NoSQL database using MongoDB

### File Transfer Application | *C++, Win32*

March 2019

- Network protocol benchmark application built using C++
- Tested file transfer speeds using TCP/IP and UDP sockets
- Compiled statistical data in a formal report document

### Happy Days | *Java, SQLite, Android*

Sept. 2018 – Nov. 2018

- Healthy lifestyle android app built using Java
- Organized multiple open datasets using a JSON
- Highlighted local outdoor exercise routes using MapBox
- Preserved app settings and user data locally using SQLite

### FreshFridge | *Express, Pug, MongoDB*

April 2018 – May 2018

- Recipe recommendation web app built using Express
- Created dynamic front-end pages using Pug
- Enforced version control best practices using Git
- Built core application functionality using MVC (Model-View-Controller)

## EDUCATION

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### British Columbia Institute of Technology

Burnaby, BC

*Bachelor of Technology in Computer Systems*

*Sept. 2017 – Present (Expected Graduation 2023)*

## SKILLS

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**Languages:** JavaScript, Java, C++, C, PHP, Python, HTML, CSS

**Frameworks:** Node.js, React, Express, Bootstrap, Django, ASP.NET

**Tools:** Git, Docker, Postman, Digital Ocean, Heroku, Trello, Azure, AWS

**Courses:** Discrete Mathematics, Operating Systems, Linear Algebra, Data Structures and Algorithms, Probability and Statistics, Relational Database Systems, Object Oriented Analysis/Design