# Skills

**Languages:** Javascript, Typescript, Python, PHP, Java, C, C++, MySQL, MariaDB, MongoDB

**Frameworks/Libraries:** React, Redux, D3.js, Node, Express, Sci-Kit, Pandas

**Tools:** Git, CI/CD, Docker, Heroku, Netlify, Figma, Adobe Illustrator, Photoshop

**General:** Linux, Windows, Virtual Machines, LaTeX, HTML, CSS

# Work Experience

## May 2021-August 2021. Front End Developer at UBC InfoVis Group

* Utilized React and D3 to design and implement complex, dynamic visualizations
* Performed rewrite and major refactor of existing components to improve usability, performance and standardize software architecture
* Interface with stakeholders to understand and build towards their needs and features

## January 2020-August 2020. Full Stack Developer Intern at UBC Merida Labs

* Designed and developed a real time operational dashboard for BEV charging management
* Developed frontend using React, Redux, ReCharts, as well as creating custom visualizations
* Developed backend using Node, Socket.io, MySQL
* Created detailed documentation using Sphinx to assist future developers

# Projects

## 2021. Data Driven F1 Car Changes

* Ideated, designed and led team in implementing visualizations to explain Formula 1 development
* Implemented visualizations using D3.js, HTML and CSS
* Achieved class Hall of Fame for 2021

## 2021. Muscle Monsters Exercise Network

* Designed social platform that gamifying exercise to motivate people to get in shape, using Figma
* Conducted A/B testing, users comparing Instagram style app vs. streamlined app

## 2019. Avotecado

* Developed a web app that helps Vancouverites track municipal politics and politicians
* Took project manager role and lead dev role, managing conflicts and questions
* Implemented the front end in React and the back end in Meteor/MongoDB

## 2019. Foodify

* Designed and prototyped food purchasing interface
* Based research around human centered tasks
* Performed controlled observations and participant interviews
* Created high prototypes in Figma and evaluated them using task walkthroughs

## 2018. Hero Database App

* Worked in a team of 4 to create a website utilizing PHP/MYSQL
* Implemented front end in HTML/CSS with Materialize-CSS, back end in PHP/MySQL
* Implemented database queries using remote MySQL database

# Education

* 2017-2021, Bachelor of Computer Science at University of British Columbia
* 2012-2016, Bachelor of Arts in Sociology at University of British Columbia