Shabab Khan

Email: khan.k.shabab@gmail.com
Website: https://0x73006b.github.io
Github: https://github.com/0x73006b // **Linkedin:** https://linkedin.com/in/khankshabab

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