

SKILLS

Technologies: TypeScript, JavaScript, React-Native, NativeScript, React.js, Angular, Redux, NgRx, RxJs, Three.js

EDUCATION

Bachelor of Computing

2017 – 2018

University of Guelph

Advance Diploma of Software Engineering Technology

2013 – 2016

Centennial College

EXPERIENCE

Frontend Developer

Sept 2020 – present

CybernetIQ | Ottawa, Ontario

- Leading development by teaching peers about reactive programming principles
- Rebuilding frontend in React and Three.js using functional programming patterns
- Migrating frontend to data driven architecture using Redux and Redux-Observables
- Creating reusable components using styled components with styled system
- Implementing unit tests using jest and enzyme

Software Developer

Jan 2019 – Aug 2020

Vish ltd. | Montreal, Quebec

- Accelerating rebuild and tech stack upgrade of main tablet NativeScript Angular application
- Working with functional programming patterns to completely overhaul UI and UX based on user needs
- Unit and end-to-end testing components leveraging Jasmine, TypeScript Mockito and NativeScript Appium
- Contributing to other applications in the suite using Angular, RxJs, NgRx, Ramda, PostCSS and more

Software Developer

Nov 2016 – Aug 2017

WIMTACH | Scarborough, Ontario

Cross Platform Access Control App

- Developed Android and iOS access control app using React-Native
- Added user login, Bluetooth Low Energy connecting and microcontroller communication for access control

3D Graphics Module for Website Front End

- Created graphics module for managing 3D models using Three.js and TypeScript for building mechanical arms
- Implemented a system for combining parts; adding/removing, saving/loading custom combinations of parts

3D Simulator Synced with Wearable Device

- Developed Windows and Android walking simulator application using the Unity Engine
- Achieved wearable device communication to synchronize avatar steps with user
- Implemented Bluetooth packet management