George Savchenko

Software Developer

www.georgesavchenko.com

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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

Software Developer Sept 2021 – present

Affinity.co | Toronto, Ontario

Frontend Developer Sept 2020 – Jul 2021

CybernetIQ | Ottawa, Ontario

- Leading a rearchitect of the frontend to improve application performance and reduce memory usage
- Rebuilding frontend from object to data driven architecture using React, Redux and Redux-Observables
- Mentoring junior developers in new reactive technologies
- Creating testable reusable components using styled components and functional programming principles

Software Developer Jan 2019 – Aug 2020

Vish ltd. | Montreal, Quebec

- Accelerated rebuild and tech stack upgrade of main tablet NativeScript Angular application
- Worked with functional programming patterns to completely overhaul UI and UX based on user needs
- Unit and end-to-end tested components leveraging Jasmine, TypeScript Mockito and NativeScript Appium
- Contributed 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 synchronization with avatar steps using via Bluetooth packet management