Michael Shiozaki

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Experience

North | Mobile App Developer
Sept. - Present

- Assisted in development and debugging of the Focals app using Kotlin, Java and Swift
- Implemented troubleshooting flow screens based on UX wireframes
- Applied Material Design principles to redesign the app home screen and add dynamic battery status
- Implemented Alexa and Mapbox third party integrations
- Automated app functionality tests using JUnit 4

Midnight Sun | Project Lead & Core Member
Oct. 2015 - Present

- Responsible for task distribution and supervision of first years working on a competition-ready vehicle
- Analyzed competition results to pinpoint vehicle problems and created long term project plan
- Assisted with design and manufacturing of aerobody, chassis and dynamic components
- Coordinated and led team operations during competition

North | Software Test Engineer
Jan. - Apr. 2018

- Created the overall mobile app test plan
- Wrote, reviewed and conducted test cases for the Focals mobile app
- Built an Android app to verify release notes styling
- Conducted regression test cycles on end of sprint builds
- Reproduced and debugged issues reported by beta users

ITNextstep Inc. | CMMS Analyst & Developer
Jun. - Aug. 2017

- Led the initiative to convert maintenance team records to a Computerized Maintenance Management System
- Researched the optimal CMMS and led the implementation and testing process.
- Successful implementation saw maintenance team productivity rise 40%.

Skills

Development

Android | Java | C++
Python | Kotlin

Design & Media

Photoshop | Illustrator
Cinema4D | After Effects
Unity | Premiere | Figma

Supplementary

Product Design | Protoyping
User Reasearch & Testing
Presentation

Projects

SpaceDrinks

Designed a system to send alcoholic beverages to the edge of space.

White Noise Games

Led design team to create game world and story for an RPG in Unity.

JotMyDay

Designed and created a journal app where entries are limited to 200 characters.

Education

University of Waterloo

Systems Design Engineering
Class of 2020