Michael J. West

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Full Stack Developer • Computer Engineering Graduate • Strong Fundamentals
Hobbyist and professional app developer, practicing and continuously learning React Native and Swift.
Passionate about intuitive products and designs. 🧑🏼‍💻 📱 💡

EXPERIENCE

Development Dimensions International   2019 - 2020
Software Engineer I

Mobile Team
- Collaborated on a team of three software engineers and a tester to complete sprint work for a mobile application including front-end design, error handling, navigation, and back-end authorization changes (React Native, Redux, C#)
- Sparked change to use augmented reality, and conducted research and development for several prototypes (React Native, Unity)

DevOps Team
- Adaptively ran weekly zero-downtime deployments with a custom tool and debugged releases and made changes to the tooling as necessary (Octopus, Azure DevOps, Angular)
- Led development of a web app for automating common infrastructure work including new repositories, ARM templates, database access, and various other permission requests (Angular, C#, DocumentDB, Azure, Docker)

Federated Investors   2017 - 2018
Cooperative Education Program

Served as primary developer on all projects and tasks

Client Applications Team
- Launched a prototype for a web application using JavaScript libraries, which was unanimously chosen as the final design for the project (Bootstrap, Knockout, C#)

Systems Integration Team
- Recruited by upper management to a team for solving urgent business needs
- Engineered and unit tested SQL programs and Power Shell scripts to implement changes in production databases

Personal Projects
Mobile app projects using complex components and libraries

- Whiteboard: An intuitive note taking application, featuring tap and gesture handling (React Native, Swift)
- E-Commerce: A template for e-commerce applications, using Redux for state management, and React Navigation for navigating between pages (React Native)

EDUCATION

University of Pittsburgh, Swanson School of Engineering   2013 - 2018
Bachelor of Science in Engineering
- Major - Computer Engineering
- Minor - Industrial Engineering

Senior Design Project
Bark Buddy

- Led a team of three to design and manufacture a sound classification device using a microphone, micro controller, and custom PCB
- Tested and developed the sound classification algorithm for the module (C++, Python)

Department of Rehabilitation Sciences   2016
- Refactored Matlab scripts as Java programs