

# Michael J. West

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**Full stack developer with computer engineering background and strong fundamentals. Hobbyist app developer. Passionate about great products and designs.** 🧑‍💻 📱 💡

## EXPERIENCE

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### 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#)
- Organized quarterly week-long innovation projects showcasing augmented reality prototypes (React Native, Unity)

##### DevOps Team

- Ran weekly zero-downtime deployments with a custom tool. Debugged releases and made changes to the tooling as necessary (Octopus, Azure DevOps, Angular)
- Primary developer on a project to build 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 a primary or secondary developer on all projects and tasks

##### Client Applications Team

- Used Bootstrap and Knockout libraries to create a prototype for a web application, which was unanimously chosen as the design for the project (Bootstrap, Knockout, C#)

##### Systems Integration Team

- Developed and tested PL/SQL programs and DOS batch scripts to implement changes in production databases
- Created VBA macros to autonomously complete financial reports

## Personal Projects

Designed and implemented React Native projects using complex patterns and components

- Whiteboard: A simple, intuitive, note taking application, using the PanResponder component for gesture handling
- E-Commerce: A template for e-commerce applications, using Redux for state management, and React Navigation for navigating between pages

## EDUCATION

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### University of Pittsburgh, Swanson School of Engineering

2013 - 2018

#### Bachelor of Science in Engineering

- Major - Computer Engineering
- Minor - Industrial Engineering

### Senior Design Project

Designed and manufactured a device to detect dog barks and provide training feedback

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

### Department of Rehabilitation Sciences

2016

#### Research Assistant

- Refactored Matlab scripts as Java programs