

Michael J. West

Address: 1811 Greentree Road • Pittsburgh, PA 15220
(908) 625-4979 • 23mwest@gmail.com • www.michaeljosephwest.com

Full stack developer with computer engineering background. Hobbyist mobile app developer. Passionate about great products and designs.

EXPERIENCE

Development Dimensions International

Pittsburgh, PA

Software Engineer I

January 2019-Present

Mobile Team

- Collaborated on a team of three software engineers and a tester to complete monthly sprint work for a mobile application (React Native, 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)
- Helped design and build a web app to automate infrastructure requests, such as new repository requests, database access, and other permission requests (Angular, C#, Document DB, Azure, Docker)

Federated Investors

Pittsburgh, PA

Intern – served as a primary or secondary developer on all projects and tasks

2017-2018

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

University of Pittsburgh, Department of Rehabilitation Sciences

Pittsburgh, PA

Research Assistant

Summer, 2016

- Refactored Matlab scripts as Java programs

PROJECTS

Bark Buddy

Senior Design

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

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

EDUCATION

University of Pittsburgh, Swanson School of Engineering

Pittsburgh, PA

Bachelor of Science in Engineering

December, 2018

- Major - Computer Engineering
- Minor - Industrial Engineering