Michael J. West

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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

Mobile Team
- Collaborated on a team of three software engineers and a tester to complete monthly sprint work for a mobile application (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)
- 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