

Michael J. West

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SUMMARY

Computer Engineering graduate from the University of Pittsburgh with experience in web development, database programming, embedded software, and circuit design. Passionate about all types of technology, and specifically interested in mobile development.

EXPERIENCE

Development Dimensions International

Software Engineer I

Pittsburgh, PA

January 2019-Present

DevOps Team

- Ran weekly zero-downtime deployments with a custom tool. Debugged releases and maintained tooling as necessary
- Designed and built part of a web app to automate infrastructure requests, using C# and Angular, and hosted in Azure.

Federated Investors

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

Pittsburgh, PA

2017-2018

Client Applications Team

- Used Bootstrap and Knockout libraries to create a prototype for web application, which was ultimately chosen as the design for the project

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

Research Assistant

Pittsburgh, PA

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 an I2S microphone, SAMD21 Mini breakout board, and custom PCB
- Tested and developed the sound classification algorithm for the module
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EDUCATION

University of Pittsburgh, Swanson School of Engineering

Bachelor of Science in Engineering

Pittsburgh, PA

December, 2018

- Major - Computer Engineering
- Minor - Industrial Engineering

SKILLS & STRENGTHS

- Object Oriented Programming – Java, C#
- Database Programming – SQL, PL/SQL
- ASP.NET Framework
- Deployment Tools: Octopus, Docker
- Front-End Frameworks – Angular, Knockout, Bootstrap
- PCB design - Altium

