

JAYSON PERKINS



github.com/jperk51



<http://jperk51.github.io/resume>



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PROJECTS

Air Engine (Electromechanical)

For: OSU

Tools: Arduino C, Arduino, Encoders, Signal Filters

- Worked with colleagues to model a single cylinder engine
- Co-constructed engine running at 2800 RPM with 80 PSI input

Conversion Dashboard (Local Application)

For: SIS

Tools: C#, SQL, MySQL

- Co-wrote SQL scripts that converted databases
- Produced tool to optimize by automatically running scripts

Retiresense (Web Application)

For: Nationwide

Tools: Java, JSP, HTML5, AJAX, CSS, VBA, SVN

- Implemented first application update in 6+ years
- Generated new features for application

Alter (Puzzle Game)

For: Portfolio

Tools: C#, UNITY, HTML5, GitHub, Adobe CS

- Designed sprites and object to be used in the game
- Programmed scripts in C# to control the game

Falcon III Radio (Embedded System)

For: Harris Corp

Tools: C, C++, Embedded Linux, Vim

- Updated requirements tests for the MUOS waveform
- Explored and corrected bugs listed in trouble reports

EXPERIENCE

Software Engineer I

Harris Corp :: 321-727-6953 :: June '16 - Present

- Improved out dated requirements tests
- Diagnosed and fixed bugs for the MUOS waveform

Technical Intern

SIS :: 614-219-6550 :: May '14 - July '14

- Converted databases for insurance software using C#
- Managed databases using SQL

Web App. Development Intern

Nationwide :: 614-620-8187 :: Sept. '14 - May '16

- Cooperated with my team to find and correct bugs
- Updated application regularly with new features

Research Lab Assistant

OSU :: 614-292-2845 :: Feb '13 - Apr. '14

- Designed and fabricated electromechanical devices
- Programmed and tested software for use by systems

EDUCATION

B.S. in Computer Science and Engineering

The Ohio State University '12 - '16

The BS CSE program (through the College of Engineering) offers students a general education in engineering, physical sciences, and mathematics, along with intensive study in computer science.

References and more experiences available upon request