Kevin Farley

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kmfarley11.github.io *(type/ view in browser)*

Education

Class of 2017 **Bachelor of Science: Computer Engineering**

University of Cincinnati, Cincinnati, OH

College of Engineering and Applied Science

G.P.A: 3.411 / 4.0

Skills

- Main Languages/SDKs: C#/ HTML/ JavaScript/ CSS/ C++/ Java
- Supplemental Languages/ SDKs: Python/ Matlab/ Android/ C/ Arduino
- IDEs: Visual Studio 2009-13/ Eclipse/ Codeblocks/ Arduino
- OS: Windows 8/ 7/ XP, Linux Ubuntu/ Elementary OS/ Arch/ Mint
- Other Software: B2Spice/ Autodesk Inventor/ Multisim/ NX10/ Teamcenter
- Tools: Git/ basic FPGA (Verilog)/ Arduino/ Breadboarding/ Oscilloscope/ Signal Generators

Technical Experience

2015 *Software Engineer Co-op* **Consultant and Developer for Software Solutions**

Rippe & Kingston, Cincinnati, OH

- Responsible for developing and estimating software solutions in the form of web applications
- Worked with C#, html 5, CSS3, and JavaScript for ASP .NET MVC4 web applications
- Used Git (BitBucket) for version control and NUnit for unit testing

2015 *Computer Engineering Student* **Hardware Designer of Sequential and Pipelined Control Units**

University of Cincinnati, Cincinnati, OH

- Responsible for designing and implementing a sequential control unit through the use of logisim
- Also responsible for collaborating on a design for a pipelined control unit using dynamic branch prediction

2014-2015 *Software Engineer Co-op* **Product Engineering in Teamcenter Integration**

Siemens PLM Software, Milford, OH

- Responsible for creating, editing, and running automated tests and utilities for 3D Modeling Software
- Worked with mainly C++ , with a little bit of visual basic and objective C

2011-2012 *Engineering Student/ Project Manager* **Electrical Guitar Design and Manufacturing**

Centerville High School, Centerville, OH

- Responsible for designing guitar body in auto-cad as well as researching possible designs
- Collaborated on a guitar template system that resulted in effective use of time and manufacturing
- Manufactured the body of an electrical guitar through the use of power tools such as a router
- Fixed, soldered, and completely connected the internal electrical circuits for audio output

Activities/Awards

University of Cincinnati:

- Dean's List 1st , 2nd , 4th, and 5th semesters in Computer Engineering
- ACM, Revolution UC (hackathon)