**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#/ JavaScript/ C++/ Java
* Supplemental Languages/ SDKs: Python/ Matlab/ Android/ C/ CSS/ HTML
* IDEs: Visual Studio 2009-13/ Eclipse/ Codeblocks/ Arduino
* OS: Windows 8/ 7/ XP, Linux Ubuntu/ Elementary OS/ Arch/ Mint
* Other Software: logisim/ 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 a 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)