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: 3.501 / 4.0

Skills

- Main Languages/ SDKs: .NET/ C++/ Java/ Bash/ Golang
- Supplemental Languages/ SDKs: Python/ Batch/ PowerShell/ Matlab/ Android/ C/ Arduino/
- IDEs: Visual Studio 2009-13/ Eclipse/ Codeblocks/ Arduino/ Qt Creator
- OS: Windows 10/8/7/XP, various RedHat based Linux systems, and various Debian based Linux systems
- Other Software: B2Spice/ Autodesk Inventor/ Multisim/ NX10/ Teamcenter
- Tools: Git/ Mercurial/ basic FPGA (Verilog)/ Arduino/ Bread boarding/ Oscilloscope/ Signal Generators

Technical Experience

2016 *Software Engineer Co-op* **Developer and Engineer for Shadow Unmanned Aircraft Vehicle**

Textron Systems Unmanned Systems, Baltimore, MD

- Responsible for developing and integrating software solutions relative to Red Hat Linux and Windows 7
- Worked with C++ (Qt), batch, bash, bitbake, PowerShell, and python for various programs and scripts to be deployed on the Air Vehicle or Human Machine Interface
- Used Mercurial for version control and QTest for unit testing, as well as Spira Test, Jenkins, DOORS, and Matrix for various Software Engineering practices

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

Activities/Awards

University of Cincinnati:

- Dean's List 1st, 2nd, 4th, 5th, and 6th semesters in Computer Engineering
- ACM, Revolution UC (hackathon)