Robin **Kuhns**

COMPUTER ENGINEER · SECURITY ENTHUSIAST

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"Making the world a better place, one script at a time."

Sum**mary**

Senior Computer Engineering Student with experience in the Government Defense Contract Sector researching intelligence security while working purely in a Linux environment. Seeking to test my abilities in a competitive, growth oriented environment.

Rel**evant Skills**

Platforms/Programs Arduino, RaspberryPi, SNORT, WireShark, NXP & Freescale Systems, Linux, Windows, Bootstrap, FreeNAS, Blender, APIs

Programming Python, C/C++, LaTeX, bash/batch, JSON, MATLAB, HTML, Assembly/Machine, Hardware Integration/GPIO, Git, Haskell

Hardware x64/x86/ARM Architectures, Vivado, Xilinx Chipsets, VHDL, Logic Analyzers, Motorola HCS12, Laboratory Test Equipment

Wor**k Experience**

Exception Technologies   *New York*

CYBER SECURITY INTERN   *May 2017 - July 2017*

- Researched sensor accuracy and implementation in autonomous defense networks
- Developed relevant industry skills with tools like SNORT, Texstudio and Git
- Delved into cryptography and encryption methods to analyze their foundations in mathematics

Power Networks Golden Colorado   *New York*

FULL STACK HARDWARE AND SOFTWARE ENGINEER   *April 2017 - September 2017*

- Designed an embedded system deployed on Raspberry PI for price-responsive transactive energy management
- Built a prototype marketable product for demonstration to shareholders

Not**able Works**

Proposal for Use of Ubuntu in Personalized Learning [at High Schools]   *Vermont*

PRINCIPLE AUTHOR   *Dec. 2013 - Mar. 2014*

- Designed and developed a solution to help provide flexibility and professional experience to further the practical development of young minds in a technology oriented world.

Underwater Hybrid LIDAR/RADAR 3D Video System Development   *New York*

UNDERGRADUATE RESEARCH ASSISTANT   *Aug. 2014 - Dec. 2014*

- Worked with a team of researchers designing laser based, real time, underwater surface detection hardware.

Second Place York College of Pennsylvania Hackathon New York   *York, Pennsylvania*

FULL STACK SOFTWARE DEVELOPER   *October 2016*

- Designed and built a community growth website that won second place in the Community Choice Awards

Edu**cation**

Clarkson University   *Potsdam, New York*

B.S. IN COMPUTER ENGINEERING   *August 2014 - PRESENT*

- **Activities and Organizations:** Physics Club, Clarkson Crew, Yo-Gotta-Do This (Treasurer), Garden Club (Vice President and Media Chairman), Emergency Medical Services, William Lowell Putnam Competition Club, CUOC Climbing

Mount Abraham Union High School   *Bristol, Vermont*

PERSONALIZED LEARNING AND PRESENTATION   *August 2009 - June 2015*

- **Activities and Organizations:** Varsity [Cross Country, Track and Field, Crew, Swimming, Lacrosse, Concert Band] Marching Band, Scholars Bowl, Math League, Fall and Spring Musicals as Technical Lighting Designer