Jess Easter

Contact Information

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Embedded Programming Software

Texas Instruments MSP430
C, Python, Visual Basic, Java, Verilog, SQL
Linux, Git, Subversion, Excel, SolidWorks, LaTeX, HTML, Ansible, Vagrant

Experience

The Preiss Company, Student Housing
IT Support Technician **March 2016 – Present**

- Resolve issues with Windows and Mac computers as requested from a ticketing system
- Troubleshoot problems with networks, copiers, printers, web-cams and and other peripherals
- Investigate new software and systems to reduce cost and improve IT services

Aerial Robotics Club, North Carolina State University Student Organization
Payload Team Member **August 2012 – May 2017**
Public Relations **August 2015 – August 2016**
President **August 2014 – August 2015**

- Work with fellow students to design and build an autonomous, unmanned aerial system
- Instruct new members on software and hardware projects to increase involvement
- Contribute code to payload control, navigation and target characterization systems
- Test mission critical software using virtualization and software/hardware in the loop
- Manage flight payload integration and testing, design new payloads
- Placed top three for the past four years at the international AUVSI Student UAS competition

MH Corbin, Highway Information Systems
Intern **April 2015 – February 2016**

- Developed automation tools using python to reduce manufacturing and testing time of devices
- Extended functionality of website and updated SQL database
- Soldered, built, and tested portable traffic analysers

Daimler Trucks North America, Cleveland, North Carolina
Liaison Engineering Intern **May – August 2014**
May – August 2013

- Developed automation tools to identify issues on future semi-trucks before assembly to save time
- Developed Excel VBA Macros to automate repetitive tasks
- Created an HTML website to provide a central location for online work tools
- Solved manufacturing and engineering problems on the assembly line
- Checked for problems on future semi-trucks by looking over 3D models, checking specifications, and cross-referencing past layout problems with future plans

Education

North Carolina State University **August 2011 – December 2016**
Raleigh, North Carolina

- Completed over 100 hours of classes towards a Bachelor of Science (BS) degree in Computer Engineering
- Courses include: Engineering Statics, Dynamics, Solids, Computer Systems Programming, Interactive Game Design, Introduction to Signals, Circuits and Systems, Introduction to Embedded Systems

Honors and Awards

Payload Team Member on 1st place AUVSI Student UAS competition team, June 2014
Team Captain on 3rd place AUVSI Student UAS competition team, June 2015
Dean's List, North Carolina State University, Fall 2012