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| Objective | Internship in Software Engineering or Data Analytics for Summer 2016 |
| Education | Virginia Polytechnic Institute and State University , Blacksburg VA Bachelors of Science, Computer Science , Expected Graduation in May 2017 Minor in Economics and Math GPA: 3.339/4.0 |
| Past Work | Software Engineer (Intern), Reinventing Geospatial, Inc. Fairfax Virginia, January 2015 - August 2015 <ul style="list-style-type: none">• Designed Python command line tools for users to establish and manage GIS Services.• Configured and tested RHEL servers as proxies for accelerating Maps on Apache.• Worked with Web APIs to simplify user workflows for establishing, managing and accelerating Maps and GIS services. |
| Research | NSF/REU Grant - Learning Enhanced Watershed Assessment System (LEWAS Lab) Virginia Tech, Blacksburg Virginia, September 2013 - January 2015 <ul style="list-style-type: none">• Designed a Raspberry Pi based high frequency autonomous environmental monitoring system.• Developed Python scripts for data acquisition from environmental sensors.• Established a database with a normalized schema to handle sensor addition and removal from the system. |
| Past Work | Human Resources Intern, Stansley Industries , Sylvania Ohio, Summer 2013 <ul style="list-style-type: none">• Responsible for driver, employee and company file management.• Projects included offsite file storage, investigations into prior employment and employee and company compliance with Federal, State and Local Regulations. |
| Skills | Experienced in Python, C/C++ , Proficient with RHEL, Windows Server, OS X, Apache Java and Web Development HTTPD and Puppet Configuration Utility |
| Leadership Experience | Vice President , Hawthorn House, Residential College at West Ambler Johnston Virginia Tech, August 2013 - May 2014 <ul style="list-style-type: none">• Collaborated with residential advisors, house and college council members to manage and promote house events and service projects.• Managed and approved funding for house activities. BARC (Bonding with Animals through Recreation on Campus) January - December 2013 <ul style="list-style-type: none">• Acted as a liaison between the Residential College at West Ambler Johnston and the Virginia-Maryland Regional College of Veterinary Medicine. Senior Patrol Leader, Boy Scouts of America, Troop 14 Toledo Ohio, 2005 - 2008 |
| Honors & Awards | <ul style="list-style-type: none">• Achievement in Science, General Assembly of The State of Ohio, Ohio Senate• 63rd Annual Ohio Academy of Science State Science Day Scholar• American Society of Heating, Refrigeration and Air Conditioning Engineers Energy Award |