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**Education**

<b>University of Virginia (UVA)- School of Applied Science and Engineering</b>	Charlottesville, VA
<ul style="list-style-type: none"><li>• <i>Bachelor of Science in Computer Engineering</i></li><li>• Cumulative GPA: 3.21/4.00</li><li>• Programming Languages: Java, C++ in Linux/Unix environments, C# .NET, Python, Matlab, XML, HTML, JS, x86 Intel, Django, git version control</li><li>• Environments: Mathcad, NI Virtual Bench, Eclipse, Visual Studio, Microsoft Office, Logisim, Multisim</li><li>• IoT Device Protocols: Z-Wave</li></ul>	May 2017

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**Relevant Work Experience**

<b>Research Intern for H. Wang PhD, Computer Science Department (UVA)</b>	Fall 2015-Present
<ul style="list-style-type: none"><li>• Design and implementation of a Google Chrome Extension to personalize and enhance the user's internet experience</li></ul>	
<b>Research Intern for J. Stankovic PhD, Computer Science Department (UVA)</b>	Summer 2015
<ul style="list-style-type: none"><li>• Implemented and extended DepSys: Dependency Aware Integration of Cyber-physical Systems for Smart Homes</li></ul>	

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**Other Work Experience**

<b>RSV Pools, Rockville, MD, Manager</b>	Summer 2013-Summer 2014
<ul style="list-style-type: none"><li>• Acted as mediator between pool's owners and my Supervisor</li><li>• Made weekly schedules; responsible for ensuring the premises met county and owner's specifications</li></ul>	

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**Related Projects and Coursework**

<b>SYS 4048 - Introduction to Electromechanical Systems</b>	Spring 2015
<ul style="list-style-type: none"><li>• Developed a a line following robot as well as a climate controlled greenhouse<ul style="list-style-type: none"><li>◦ Used microcontrollers, numerical simulation, and servo motors. Tracked data using SQL and myPHP. Learned how to solder, laser cut, and use 3-D printers.</li></ul></li></ul>	
<b>CS 2150 – Program and Data Representation</b>	Spring 2015
<ul style="list-style-type: none"><li>• Implemented multiple data structures using C++ including Heaps, HashTables and Huffman Trees</li></ul>	

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**Activities**

<b>Institute of Electrical and Electronics Engineers (IEEE), Active Member</b>	Fall 2014- Present
-Professional association dedicated to advancing technological innovation	
<b>OneGoal, Website coordinator</b>	Fall 2015- Present
-Philanthropic organization that works to promote healthy, athletic behavior by collecting used sporting equipment and sending it to impoverished countries	
<b>Center for Diversity in Engineering, Tutor</b>	Spring 2014- Present
-Help student learn 1000 and 2000 level Computer Science	
<b>Club Rugby, Recruitment Chair</b>	Spring 2014- Present
-Responsible for organizing booth at activity fair	
<b>Sigma Chi, Active Member</b>	Spring 2015- Present
-Brotherhood Chair – Responsible for a budget and organizing brotherhood retreats for the fraternity	