

Ian Cook

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Technical Knowledge:

- Knowledge of programming languages:
 - C++
 - HTML
 - PHP
 - Java
 - CSS
 - MySQL
 - Visual Basic
 - Javascript
 - Object Oriented Programming
 - NI Certified LabVIEW Associate Developer
 - Interested in expanding my knowledge and learning more languages
 - Understanding of antennas, frequency response, circuit design, and the design process
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Experience:

- Spent summer 2013 building an electronic locking system using an Arduino and a Raspberry Pi (Linux based)
 - Created a website from scratch with a PHP backbone to be able to wireless connect to the locking system
 - Built and programmed robots to do simple tasks (move a ball, follow a line, etc.)
 - Worked with a group to help develop a multinational online course about Innovation, Creativity, and Change
 - Currently on research team working with low temp. plasmas to alter the surface of ceramics for adhesive properties
 - Keystone Rustproofing Incorporated (Summer 2011 – Summer 2013)
 - Anodized aluminum parts
 - Occasionally worked in quality control, making sure all parts were fully plated
 - Stanford Home Centers (Summer 2014)
 - Worked in the lumber yard
 - Helped customers figure out what materials were needed for a job
 - Trained 3 employees on customer service and time management while in the yard
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Strengths:

- Quick learner
 - Excellent organizational skills
 - Adequate at Spanish
 - Passionate about innovation
 - Strong logical analytical skills
 - Internally Motivated
 - Cooperative
 - Communication
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Educational Background:

- The Pennsylvania State University (Fall 2012 - Present)
 - 6th Semester Bachelor of Science in Electrical Engineering
 - Expected to graduate May of 2016
 - Current GPA: 3.31
 - Member of Institute of Electrical and Electronics Engineers (IEEE)
 - Plum Senior High School
 - Graduated 2012
 - 4.3 Weighted GPA
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Achievements:

- Leadership/Work Ethic
 - Voted Captain of my high school and Cup soccer team
 - Complemented on work ethic at all jobs
- Made Dean's List Spring 2014