

Resume of Natalie Rakoski

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Desired Course of Study:

- B.S. Computer Engineering
- Georgia Institute of Technology
Cooperative Education Program
International Program Member, Key Focus: Germany
- Expected Graduation Date: April 2018
- Current Year: Sophomore

Objective:

- Gain work experience and insight into hardware/software design, product development, as well as other sectors of electrical/ computer engineering through internship in summer 2015. By gaining hands-on experience during internship, I hope to design my course of study to fit my interests and future occupational field.

Education

- Georgia Institute of Technology, Atlanta, GA
GPA: 3.10

Work Experience:

- Co-op Student at General Motors
Calibration Specialist/ Drive Quality Engineer
May-August 2014
- Student Assistant at Georgia Tech Research Institute
Matlab Programming for applications in Electrical Engineering
Sept. 2013-Current

Skills:

- Programming: PYTHON, Simulink, MATLAB, C, Assembly, Linux, HTML/CSS, JAVASCRIPT
- Research, Product Development, Leadership, Presentation Design, Activism

Projects:

- MS Project Monte Carlo-
Nov. 2013-March 2014
Wrote a MATLAB function and script for the Electrical Systems Laboratory at Georgia Tech Research Institute. The function was had systems engineering applications and is used to predict the length of a project broken up into many small, categorized tasks.
- Website Building
May 2014 – August 2014
During my first co-op rotation with General Motors over summer 2014, I also taught myself how to write HTML, CSS, and JAVASCRIPT. I used these skills to build my own website, found at the top of the page, about myself and endeavors.

Honors and Awards:

- EcoCAR 3 Controls Team Leader-
EcoCAR 3 is a competition with initiatives in advancing alternative energy vehicles. My position involved coordinating the controls team during the first year of the four year project. I work closely with the Modeling and Simulation team and have become proficient in Simulink Software.
- High School Activist Chair for the Society of Women Engineers(SWE) Fall 2013-Current
Organized an afterschool program at KIPP Collegiate, an Atlanta Public High School, in which engineering students from Georgia Tech mentor perspective, female STEM majors to compete in Science and Engineering Competitions across the United States. My previous position in the society include Head Purchasing Chair.
- One GTRI Collaboration Award 2013-
For being a key member in the project “Pulse Processing Deficiency Studies”. During my assistantship in the 2013-2014 school year, I wrote MATLAB code that was used in radar technology research projects and experiments for the Electronic Systems Laboratory of Georgia Tech Research Institute.