

Alyse M. Taylor

ataylor3@gatech.edu

EDUCATION

- 2010 – Present **Georgia Institute of Technology**
Master of Science in Electrical Engineering May 2012
Thesis: Communication Architecture for Smart Microgrids
- 2006 – 2010 **Florida A&M University**
Bachelor of Science in Electrical Engineering
GPA: 3.87/4.0

WORK EXPERIENCE

- Sum. 2010 **The Aerospace Corporation, *Electronics and Power Systems Intern***
Conducted failure analysis on various satellite circuits and components utilizing spice software and laboratory testing
- 2008 – 2010 **Florida A&M University, *Teaching and Research Assistant***
Assisted students in First Year Engineering Lab; graded homework and quizzes
Assisted students in Digital Logic Design; graded homework and quizzes
Worked on a grant from the National Security Agency to optimize reconfigurable antennas
- 2008 – 2009 **Nokia Siemens Networks, *Care Services Intern***
Redesigned and implemented new company websites and participated in IP Training
Created, updated, and managed databases as well as streamlined other company tools and processes.
- Sum. 2007 **MW Logistics, *Finance Intern***
Created financial reports, collected strategic data, and assisted the VP of Finance

SCHOOL ACTIVITIES

- 2009 – 2010 **Electoral Commission, *Electoral Commissioner***
Coordinated, organized, and implemented elections for 13,000 students
- 2008 – 2010 **Eta Kappa Nu: Lambda Delta Chapter, *Charter Member***
Started new Electrical Engineering honor society
- 2008 – 2009 **INROADS Student Association, *Fundraising Chair***
Coordinated a Walk-A-Thon that raised \$2300 for INROADS interns and underprivileged students in Upward Bound
- 2006 – 2009 **Leaders of Tomorrow, *Advisor***
Mentored and assisted black youth with MBA case competitions, SAT preparation, and college preparedness

AWARDS AND HONORS

- 2010 – 2013 National Science Foundation Graduate Research Fellowship
- 2010 – 2011 Hearst Fellowship
- 2009 – 2010 INROADS Intern of the Year
- 2006 – 2010 Florida A & M University Distinguished Scholar
- 2006 – 2007 2007 Florida A & M University Outstanding Freshman

COMMUNITY ACTIVITIES

- 2002 – Present **Tutor:** Tutor young elementary and college students in mathematics and the basic sciences
- 2007 – 2010 **Rattler Study Lounge:** Organized, supervised, and facilitated a campus wide study lounge
- 2009 **Dallas Museum of Art:** Managed birthday projects for kids, Assisted with volunteer sign in
- 2008 **Shadow Explosion:** Mentored Tallahassee high school students

References available upon request