

# Tariq Grant

1001 Ocala Road | Tallahassee, FL, 32304 | 904-802-5691 | twg13@my.fsu.edu

## OBJECTIVE

An entry-level position or internship to become more familiar with the engineering environment and company expectations.

## EDUCATION

---

*Florida State University*

- **Bachelor of Science, Mechanical Engineering**

Spring 2017

*Florida State College at Jacksonville*

- **Associate of Arts Degree**

December 2013

## EXPERIENCE & LEADERSHIP

---

*Center for Intelligent Systems, Control and Robotics (CISCOR)*

### Research Volunteer

January 2016

- Developing test article for splash-proof robot to assess the need for redesign
- Presented bi-weekly project updates for feedback and arranged material procurement
- Organized a hands-on outreach activity on behalf of CISCOR at Florida State University Schools
- Collaborated with team member to introduce students (K-12) to robotics and control systems

*Senior Design Project*

### Team Leader

September 2016

- Designing a high power sounding rocket for 2017 Intercollegiate Rocket Engineering Competition
- Documenting project progress through reports and website updates
- Developed safety plan and risk assessment to reduce risk of injury and liability for all parties involved
- Coordinated effort to secure project funding and appropriate contacts for project approval

*American Institute of Aeronautics and Astronautics (AIAA) Student Chapter*

### President

April 2016

- Arranged AIAA club entry into 2016-17 Hybrid Motor High Powered Rocket Competition
- Drafted a detailed budget and bill of materials to justify NASA competition grant award proposal
- Organizing club participation in Buck Lake Elementary School high altitude weather balloon launch
- Managing AIAA club financial certification and recognition status with Florida State University
- Collected dues from and paid out reimbursements to members

*FAMU-FSU College of Engineering, Mechanical Engineering Department*

### Teaching Assistant

May 2016

- Graded student coursework and proctored examinations.
- Assisted students during lecture and tutored during office hours

*Family Dollar, Jacksonville, FL*

### Customer Service Representative

October 2012 – December 2013

- Performed sales transactions and returns using a POS system
- Restocked shelves, mopped floors, and recovered store appearance

## SKILLS

---

- Computer aided design: PTC Creo Parametric; PTC MathCAD; Working Model; ADAMS
- Programming: Matlab; C Programming; Python; Java; R Programming; LaTeX
- Microsoft Applications: PowerPoint; Excel; Word; Outlook; OneNote

## VOLUNTEER WORK

---

*Challenger Learning Center*

### Volunteer

March 2016

- Helped children build paper airplanes and explained basic principles of airplane flight

## SCHOLARSHIPS

---

Bright Futures – Florida Medallion Scholars (FMS)

September 2012