Tewodros E. Mengistu

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**OBJECTIVE**

To obtain a summer internship utilizing the engineering skills learned in the electrical & computer engineering program.

**EDUCATION**

**University of Maryland, College Park, MD Expected May 2018**

B.S. Electrical Engineering **GPA 2.92**

Minor Computer Engineering

**WORK EXPERIENCE**

**Adele H. Stamp Student Union Aug 2014 – Present**

**IT Technician Manager College Park, MD**

* Manage a staff of IT technicians to perform daily task such as help desk calls and event setups.
* Administer, troubleshoot and resolve all computers laptop, network, mobile, and telephone issues in the Adele H. Stamp Student Union building.
* Provide technical support to events that take place in the Stamp, including creative technical support to campus community who want to incorporate multimedia elements as part of their event.

**PROJECT EXPERIENCE**

**Autonomous Underwater Vehicle (AUV) Feb 2016 – May 2016**

Robotics at Maryland **College Park, MD**

Team member/ Embedded programming subgroup

* Work along with 40 team members to compete in AUVSI and ONR’s RoboSub Competition, which requires AUV to complete a variety of obstacles in order to score points.
* Program microcontrollers and sensors in order to detect vehicle movements and position.

**Autonomous Hovercraft Project Feb 2014 – May 2014**

Engineering Design **College Park, MD**

Team member/ Controls subgroup

* Cooperated with a team of 11 in the construction of a hovercraft to efficiently maneuver around obstacles and place a ball into a designated box.
* Designed payload system with CAD software in order to drop ball into specified box.
* Programmed hovercraft navigations. Worked with microcontrollers and various sensors in order to guide hovercraft across course and complete objectives.
* Presented 20 page design report to a discussion board of six distinguished professors in engineering.

**PROFESSIONAL ACTIVITIES/ AFFILIATIONS**

Academic Achievement Program (AAP) , **Aug-2014 – Present**

Institute of Electrical and Electronics Engineers (IEEE) **Jan 2016 – Present**

National Society of Black Engineers (NSBE) **Feb 2014 – Present**

**SKILLS**

Arduino C Programming PuTTY Autodesk Inventor

MATLAB Pspice Circuit Lab Creo Parametric

SolidWorks Ubuntu Microsoft Office Verilog