ANTHONY T. MARTIN

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OBJECTIVE

To obtain a job as a Mechanical Engineer in the Aerospace/Defense industry.

EDUCATION

University of Maryland Baltimore County **Expected May 200x**

- B.S. Mechanical Engineering

SKILLS

- Knowledge of **Robotics, Finite Element Analysis, and Macromechanics of Composite Materials**
- Proficiency in **Pro Engineer**, **Matlab**, **AutoCAD**, and **Microsoft Project**
- Skillful in **Microsoft Office** applications

WORK EXPERIENCE

May 200x- Sept. 200x

Leach Wallace Associates, Inc., Elkridge, MD
Mechanical Design Engineering Intern

- Designed duct work and piping layouts for HVAC and plumbing groups for hospitals being constructed in Baltimore, MD and Washington, D.C. areas.
- Assisted in on-location field work with Professional Engineers within the company up until construction of hospitals was complete.
- Applied principles of fluid mechanics and heat transfer.

BTT, Inc, Laurel MD **June 200x- Aug. 200x**
Research Analyst – Technology Impacts Group

- Researched methods for displacing manufacturing feedstock based on natural gas and crude oil with U.S. coal.
- Assisted with thermodynamic and heat transfer related calculations for DOE contracting projects.

United States Center for Medicare & Medicaid Services, Baltimore, MD **June 200x- Aug. 200x**
Intern – Office of Financial Management

- Completed tasks using information from customers' requests conflicting with the Freedom of Information Act (FOIA).
- Wrote letters and called customers when payments were needed for the information requested.
- Updated databases, and completed word processing tasks.

PROJECT EXPERIENCE

Junior Design Project, Vehicle Powered by Cordless Hand Drill **Jan 200x- May 200x**
Worked in 5-person design team to construct a vehicle using a common cordless hand drill as the lone power source. Teams will race the vehicles at the conclusion of the semester and must complete a 540-foot course in less than 55 seconds to attain a passing grade.

Sophomore Design Project, Increase Ideality of a Common Hand Tool **Jan 200x- May 200x**
Assumed leadership role over five member sophomore and junior design team by organizing details and ideas to improve upon the ideality of a set of pliers while inheriting knowledge on the mechanical design process