**EMILY ADAMS**

City, State Zip

Cell Phone

PSU Email

www.linkedin.com/in/yourname

**EDUCATION**

The Pennsylvania State University, Center Valley, PA May 2023

Bachelor of Science in Electrical Engineering

GPA: 4.0

**LANGUAGES**

Fluent in English and Spanish

**SKILLS**

AutoCAD, MATLAB, Python, Revit

**RELEVANT COURSES**

Engineering Design, Civil Engineering & Architecture

Physics-Mechanics, Differential Equations, Linear Algebra

**ENGINEERING EXPERIENCE**

The Pennsylvania State University, Center Valley, PA August 2019 - Present *Vice President, STEM Club*

* Oversee engineering activities including fall and spring Rocket Day where students can participate and create their own water bottle rocket, inaugural event in fall 2019 hosted 22 students and top three prizes were given
* Organize fundraisers and charitable events for schools in need of STEM related supplies, including establishing a campaign to raise $1000 for new supplies for students
* Coordinate club events with executive team and campus staff, communicating with Directors of Student Affairs and faculty advisor for approval

The Pennsylvania State University, Center Valley, PA September 2019 - Present

*Undergraduate Research: Solar Cells with Professor Harold Scholz*

* Researching the effects of various environmental factors on the long-term power output of solar cell’s configuration throughout the year
* Utilize MATLAB to model the behavior of the solar cell through data sets
* Write and improve MATLAB code to more accurately model behavior, incorporating various MATLAB programs into the research and apply it as requested by the Professor

Emmaus High School, Emmaus, PA September 2015 - May 2016

*Microbial Fuel Cell Research*

* Generated Electricity from biofuels known as Microbial Fuel Cells to see power output. Mud from a local pond was harvested and used to power the cells. Bacteria within the mud generated electricity through oxidation.
* Tested wired setups in both parallel and series configurations to measure the effect on power output
* Obtained a perfect score and first place position in the Microbiology category at the 2015 Pennsylvania Junior Academy of Science competition as well as a fourth place in the Delaware Valley Science Fair

**OTHER EXPERIENCE**

Lowes Home Improvement, Bethlehem, PA September 2016 - Present

*Customer Service Associate*

* Oversee order management to communicate with customers on their order status
* Communicate cross functionally with departments to efficiently complete work tasks
* Provide in-depth information, uses, and features to consumers on products in store to close sales
* Earned employee of the month twice, and multi time star card winner for going above and beyond company expectations