ELISIA WRIGHT

Email: elisiawright234@gmail.com
Website: elisiawright.com

+1 (609) 630-3178

Named **one of the top 60 undergraduate researchers** in the United States and presented research to **US Congress**.

My passion is **finding practical solutions for environmental challenges** through **artificial intelligence** and **computational sustainability**.

EDUCATION

Allegheny College, Meadville, PA
Cumulative GPA: 3.28/4.00

Bachelor of Science: Computer Science, Environmental Science and Sustainability

TECHNICAL SKILLS

- Python, JavaScript, Java, HTML, CSS, Go, Ruby, C++
- Git, Netlify, Travis CI, Docker, Django, Jenkins, React, Bootstrap

RECOGNITIONS

- **One of the top 60 undergraduate researchers in the United States** (*Posters on the Hill 2019*)
- *Outstanding Achievement in Research Award* (The Council on Undergraduate Research)
- *PERC Campus Sustainability Champion Award* (Pennsylvania Environmental Resource Consortium Executive Committee)
- *Black Excellence Award* (Association for the Advancement of Black Culture)
- **Intel 2020 Scholarship** (UNCF, Intel Corporation)
- **Research has been featured in:** *The Washington Times, USA Today, Environmental Monitor Magazine, Allegheny Magazine, Erie-Times News*

ACTIVITIES

- **Founding charter member, Tamias and Parliamentarian** of the Pi Phi Chapter of Zeta Phi Beta Sorority, Incorporated
- **Volunteer Judge** at Pennsylvania Junior Academy of Science
- **Social Media Chair and Board Member** of the Green Students of Color Society

WORK EXPERIENCE

Software Engineer – Intel Corporation
06/2021 - Present
- Design and test web-based automation systems and Engineering Design Automation tools, and create scripts and analyze design methodologies

Software Engineer Intern – Intel Corporation
06/2020 – 05/2021
- Developed automated unit and integration testing for Project Athena/Intel Evo Platform and Intel vPro Platform

Allegheny Mozilla Fellow – Allegheny College
08/2019 – 03/2020
- Lead website developer
- Engineered tools and programs that integrate ethics into core curriculum
- *TextMining* research accepted to: PyCon 2020 (canceled due to COVID-19)

Computer Science Technical Leader – Allegheny College
08/2019 – 03/2020
- Assisted in class and laboratory sessions with instructional responsibilities
- Held office hours to effectively troubleshoot and resolve technical issues

Undergraduate Research Fellow – Allegheny College
05/2019 – 08/2019
- Conducted independent research under guidance of faculty advisor

Additional Work Experience Available Upon Request

RESEARCH EXPERIENCE

Senior Thesis: *Improve Industrial Hemp Cultivation with a Smart IoT Soil Spectroscopy System*
12/2019 – 05/2021
- Engineered a low-cost system to assist farmers with agricultural techniques, which utilizes artificial intelligence for soil analysis, to determine soil quality

An Intelligent Underwater Robotic Smart-Sensing System for Water Quality Testing
09/2018 – 03/2020
- Engineered robot for predicting and analyzing water quality trends
- **Presented at:** The United States Congress (*Posters on the Hill 2019)* and *The 32nd International Conference of the Florida Artificial Intelligence Research Society* (FLAIRS-32)

Using Python and GitHub for Team Formation and Assessment
01/2019 – 05/2019
- Project supervisor of *GatorGrouper* web application development
- **Presented at:** PyCon 2019

Additional Research Experience Available Upon Request