

ELISIA WRIGHT



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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