

# Daniel Ullrich

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## EDUCATION

**Allegheny College, Meadville, Pennsylvania –**

*Bachelor of Science*

Aug 2018 – May 2023 (Expected)

Major: Computer Science

Minor: Art, Science, and Innovation (ASI)

Cumulative GPA: 3.344/4.0

## EXPERIENCE

**Software Developer – Allegheny College, Meadville, Pennsylvania**

Sep 2019 – Feb 2020

Developer for the “Ethical Technical Leader” group writing software to include

- Natural Language Processing
- Sentiment Analysis
- dashboard interface

into the GatorGrader utility funded by Allegheny College grant from the Mozilla Foundation.

**Computer Science Technical Leader – Allegheny College, Meadville, Pennsylvania**

Feb 2019 – Present

Help students with questions and troubleshooting programming errors pertaining to in-class projects and activities.

## PROJECTS

**Network Visualizer – Network Visualization Tool**

Dec 2019

A Python program using PyQt5, NetworkX, PyVis, and PyQtWebEngine to visualize CSV file networks in an interactive GUI.

**Allegheny Trail – Modular Text Based Adventure Game Engine**

Dec 2018

A text-based game engine built in Java with its own scripting language to build modular adventures with.

## TECHNICAL SKILLS

Java & Python Proficiency

Computer Hardware

Windows Diagnostics & Troubleshooting

Web Design

Git / GitHub

Linux Systems

Exposure to Docker/Container VM Systems

## SERVICE

**Phi Gamma Delta – Red Cross** volunteering, creek cleanup, highway cleanup and various fundraising events

**Allegheny Computer Science Department Outreach** – Helped run a few outreach events including helping kids make a video game using PyGame and a robot demonstration

## INTERPERSONAL SKILLS

**Leadership** – Headed multiple chairs in Phi Gamma Delta

**Communication** – Help students improve their technical abilities as a Technical Leader

## RELEVANT COURSEWORK

Cybersecurity

Operating Systems

Artificial Intelligence

Data Analytics

Bioinformatics

Discrete Structures

Data Abstraction

Intro to Computer Science