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