

Daniel Ullrich

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EDUCATION

Allegheny College, Meadville, Pennsylvania –

Bachelor of Science

Aug 2018 – Dec 2022 (Expected)

Major: Computer Science

Minor: Art, Science, and Innovation (ASI)

Cumulative GPA: 3.504/4.0

EXPERIENCE

College Intern Technical – Northrop Grumman, Remote

June 06 2022 – Present

Various tasks relating to container security that include working with

- Red Hat Openshift
- Aqua Security Platform
- Dev*Ops

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