**Education**

**HARTWICK COLLEGE** Oneonta, NY

B.S. in Computer Science. Major GPA 3.9/4, Cum GPA 3.7/4 August 2017 -- June 2021

**Relevant Coursework**

Intro to Deep Learning (MIT 6.S191), Machine Learning (Coursera), Computer Ethics, Database Concepts, Advanced Programming Techniques, Bioinformatics, Linear Algebra, Differential Equations

**Scholarships and Awards**

John Christopher Hartwick Faculty Scholar, The Departmental Award for Excellence in Computer Science for Spring 2019 & Spring 2020, Dean’s List for Fall of 2017 – Sprint of 2021 (8 times), Hartwick College Oyaron Scholarship, Hartwick Assistance Grant 2017, NY Tuition Assistance Program, Federal Pell Grant

**Technical Skills and Interests**

**Experience in:** Python, Pandas, Sklearn, PyTorch, TensorFlow, R, MATLAB, Java, MySQL

**Interested in:** Deep Learning, Mathematics, Networking, Bouldering, Hiking, German Cars

**Personal Projects**

**NLP With Disaster Tweets** February 2021 -- June 2021

Thesis project involved using NLP to determine if a Tweet refers to a natural disaster, based on an ongoing Kaggle competition. Methods included text processing, feature extraction, and modelling, written in Python Jupyter notebooks. This project concluded with a departmental presentation thesis defence.

**Lottery Prediction** June 2019 -- Current

A program analysing State Lottery data to predict future draws. Analysis and projection tools utilize a custom algorithm, based on long and short-term cycles of observed patterns.

**Experience**

**HARTWICK COLLEGE** Oneonta, NY

**Python Tutor** October 2020 -- Current

* Tutored undergraduate students in basic Python and SQL topics.

**Network Department Assistant** July 2019 -- October 2020

* Worked with Network & Systems Admins to upgrade and manage the Hartwick Campus Network.
* Oversaw inventory of HP Aruba equipment valued at ~$750k.
* Configured and deployed switches, briefed supervisors, and established work proficiency.

**Technology Resource Center – Student Technology Assistant** June 2018 -- July 2019

* Hardware & software troubleshooting, network & account support, help desk duties.

**Volunteering**

**MAIN STREET BAPTIST CHURCH** Oneonta, NY

**Sunday Morning Service Livestream** January 2021 -- Current

One of a small group of technical volunteers to livestream church services.

**CLIFF Youth Group Leader** November 2020 -- Current

Leading Junior High students on a weekly basis, running group activities.

**Leadership – President of:**

Campus Ambassadors: Organize events, small group leader, future planning, and the like. (2020-21)

Computer Science Club: Put into motion and received extra funding to build a server for ML. (2019-20)