

James Macak

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Education

HARTWICK COLLEGE

Oneonta, NY

B.S. in Computer Science. Major GPA 3.9/4, Cum GPA 3.8/4

Anticipated Graduation -- 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 – Current (8 times), Hartwick College Oyaron Scholarship, Hartwick Assistance Grant 2017, NY Tuition Assistance Program, Federal Pell Grant, Federal Suppl Ed Opportunity Grant

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)

Technical Skills and Interests

Experience in: Python, R, MATLAB, Java, MySQL, Pandas

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

Experience

HARTWICK COLLEGE

Oneonta, NY

Python Tutor

October 2020 -- Current

Tutoring undergraduate students to gain a deeper understanding of Python 3. Topics covered include program structures, data types, file I/O, functions, OOP, searching, sorting, recursion, and the like.

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. Worked with different members of the IT Department, briefed my supervisors in meetings, and established proficiency for the job at hand.

Technology Resource Center – Student Technology Assistant

June 2018 -- July 2019

Responsibilities included computer hardware and software troubleshooting, network support, account support, technology email, answering IT questions, Helpstar to document work, tracking inventory, prepping student/faculty/staff laptops, and assist with various projects daily.

Office of the President – Work Study

November 2016 -- June 2018

Responsible for managing content on the President's Office sector of the Hartwick College's website, Desire 2 Learn portal, assist in designing of future web pages, traditional office duties, and actively working on confidential projects supervised by the Assistant to the President.

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.