

Andrew Mahoney

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EDUCATION

Clarkson University, Potsdam, NY

May 2021

Bachelor of Science, **Computer Science**

Bachelor of Science, **Computer Engineering**

Queensbury High School, Queensbury, NY

June 2017

EXPERIENCE

Paid Undergraduate Researcher, Clarkson University

2017-present

- Worked with Dr. Banavar on detecting stress in user voice using voice home assistants Summer 2018-present
- Worked with Dr. Banavar on making an EEG control scheme for robots Spring 2018
- Worked with Dr. Tamon on visualizing Quantum Walks Fall 2017

Clarkson Open Source Institute, Clarkson University

August 2017-present

- Participated in lightning talks (5 minute CS presentations)
- Made a webserver for personal website
- Worked on robotic systems
- Attended Workshops

Tech Associate, Staples, Queensbury, NY

July 2016-Aug 2017

- Perform evaluations and intake write ups on incoming computers in need of service
- Sell new computers, printers, routers, etc
- Performed these tasks by having a good background understanding of technology and how things are supposed to functions

VOLUNTEER WORK

Light & Sound Technician, Charles R Wood Theater, Glens Falls, NY

2013-2016

- Worked in the lights and sound booth during rehearsals and shows
- Learned how the technical sides of theatre and working with a large group of people with a similar goal
- Learned how to manage multiple things and be able to move quickly but efficiently

TECHNICAL SKILLS

Languages: Python, Fortran 77, Java, C++, Matlab, JavaScript, C

Software Programs: Photoshop, Excel, PowerPoint, Word, Visual Studios, PuTTY, Unreal Engine 4, Amazon Lumber Yard, AWS,

Alexa Skills, Google Actions, VIM, SSH, nginx

Technology: Raspberry Pi, Arduino Uno/Due/Mega, ESP8266, Built and repaired computers