

Nathan J. Moses

nathanmoses1228@gmail.com | (315) 857-7234 | [LinkedIn](#)

Education

STATE UNIVERSITY AT OSWEGO

Major: Computer Science
Minor: Mathematics
Transfer Achievement Scholar

Oswego, NY

Anticipated Bachelor of Science Spring 2024

Honors: Dean's List

Magna Cum Laude

Relevant Coursework: Computer Networks, Database Management Systems, Machine Learning, Data Mining and Predictive Analytics, Software Engineering, Software Design, Advanced Data Structures and Algorithms, Software Deployment

ONONDAGA COMMUNITY COLLEGE

Major: Computer Science

Syracuse, NY

Associate of Science, Spring 2022

Honors: Cum Laude

Experience

Crew Member (June 2021 - Aug. 2023), **Key Holder** (Feb. 2022 - Aug. 2022), Country Max, Baldwinsville, New York

- Clean and feed animals every morning while simultaneously helping customers with questions, product needs and pet selection
- Stock shelves with new products upon arrival
- Communicate with other employees about changes in the animals or anything to do with the care of the animals
- As a key holder, open and close the store, count the money at the beginning and end of the day, as well as handle any customer complaints
- Train new employees on proper pet care and customer service

Skills

(*Proficient*) Microsoft Office, SQL, Python, Java, Git, C

(*Familiar*) TCP/IP protocols, Computer Networking, Cloud Computing, Data Analytics, DBMS, numPy, Azure, Agile Development

Software Projects

Go Server and Agent

- Developed an agent in Go that will pull information from an API in the form of a JSON document and send it to be stored in AWS DynamoDB. The time between polling intervals could be specified in the command line when running the program. The program could also be built into a Docker image and run remotely.

Fish Camera

- Developed a program, in conjunction with the biology department, that could detect movement in Round Gobies and produce a report every hour that detailed the time of the movement and the amount of fish in the frame at the time of the movement.
- This was made with a team of 5 people throughout the semester of Fall 2023.

Certifications

- [AWS Cloud Practitioner \(2024-2027\)](#)