

# Caden Johnson

"Work to become, not to acquire." -Elbert Hubbard

## EMPLOYMENT HISTORY

### Seaview Crab Company, NC — *Systems Engineer/Fishmonger*

September 2021 – Now

Managing 3 locations consisting of around a dozen employees. Also responsible for managing their website (HTML), updating/integrating new systems, and developing software solutions to increase efficiency and accessibility to data (JavaScript via Apps Script google extension for google sheets).

### Mantech, Herndon VA — *CNO Developer Intern*

July 2020 – June 2021

R&D using Python and C++. Network analysis and OCO planning/implementation. Created application that catches and analyzes frames from video input (either live or previously saved) and implements efficient output storage. Also created a client-server application with a command-line interface that allows multiple clients and buffered commands.

### PLEX Solutions, MD — *Intern*

July 2019 – September 2019

Activities included programming (Python and C++), network traffic capture and analysis, and becoming acquainted with Amazon Web Services.

## EDUCATION

### St Cloud State University, St Cloud MN — *Cyber Security with a double minor in Criminal Justice and Computer Science*

January 2019 – May 2021

Obtained Bachelor's degree in Cyber Security with a double minor in Computer Science and Criminal Justice.

### Central Lakes College, Brainerd MN — *Associate of Arts*

January 2014 - December 2018 (off and on)

Attended during high school (PSEO) and completed my AA.

## EXPERIENCE

Software development experience began in the Fall of 2016 with learning C. From there, I have developed my skills in other languages and gained experience with various cyber security tools and concepts. Below, you can see a few projects that I have recently worked on:

- Personal Assistant Program – capabilities include Calendar, Spotify, to-do list, voice recognition, and more. (python)
- Person detecting software via opencv (python)
- Tested a web application authentication for a friend. (Kali Linux and a variety of tools)
- Morse Code translator using C++, sockets, and AWS DynamoDB

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## SKILLS

Programming Languages

(Development):

- C
- C++
- Python
- Go
- Java
- Assembly
- HTML / CSS
- SQL

- Network traffic capture and analysis.

- Completed basic vulnerability analysis and penetration tests.

- Linux and Windows systems.

- Basic use of computer forensics and computer architecture. (Easy68k, OllyDbg)

- AWS cloud computing (EC2, DynamoDB, and Lambda)

- Google sheets operations (apps script using Javascript)

- Experience with API's. (Personal creations and large scale such as Spotify, etc.)

- Creation and management of databases.

## CLEARANCE

Background Investigation completed in 2019.

- Secret Clearance

\* For more of my content, visit – <https://cadenjohnson.github.io/> \*