

# Romeo Capozziello

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## Professional Summary

I'm a dedicated software developer with strong expertise in C++ and Python and a passion for innovation. I excel at adapting to new challenges and I'm passionate about driving continuous improvement through automation. I thrive in dynamic environments where I can apply my problem-solving skills and enthusiasm for technology to achieve meaningful and impactful results. I have excellent communication skills and can integrate well into a team environment or across different disciplines.

## Education

### University Of Bridgeport | Bridgeport, CT

#### MS Computer Science

Graduated May 2024

- ❖ 3.8 GPA
- ❖ Collaborated in building a functioning magnetic lock controllable via mobile app for senior project
- ❖ Vice President of Upsilon Pi Epsilon Honors Society

## Skills

C++, Python, Rust, Git, CI/CD, Java, Object-Oriented Programming (OOP), Cloud Computing, Linux, Bash

## Experience

### General Dynamics Electric Boat | New London, CT

#### Embedded Software Engineer

August 2023 - Present

- ❖ Support software engineering efforts to design, develop, and test software for ship control systems
- ❖ Maintain and improve GitLab pipelines and other automation tools
- ❖ Network with other disciplines to facilitate progress
- ❖ Evaluate opportunities to improve team workflow through automation
- ❖ Assist in the evaluation and modification of the onboarding process for new employees
- ❖ Active DoD Secret level security clearance

### University of Bridgeport | Bridgeport, CT

#### STEM Tutor & Teaching Assistant

August 2019 - May 2023

- ❖ Facilitated comprehension of core concepts, improving student performance and engagement
- ❖ Write and maintain Python code for Canvas CLI utilizing the Canvas LMS API
- ❖ Operate tutoring database to collect, file, and upload over 150 unique student IDs
- ❖ Collaborated on a website project to centralize tutoring documents, enhancing resource accessibility

## Projects & Awards

### Operational Excellence Award

- ❖ Received for automating/overhauling the test team workflow, vastly reducing time spent per test procedure and increasing procedure completion rates, boosting overall efficiency and productivity by ~80%

### Hackathon Project

- ❖ Led a team of 4 in developing a social media automation tool using ReactJS and TypeScript
- ❖ Created a platform leveraging ChatGPT and Twitter APIs to generate and schedule posts for companies/businesses
- ❖ Allowed users to customize post intent, tone, and audience

### Facial Recognition

- ❖ Developed a facial recognition system in C# using PCA for image classification
- ❖ Achieved ~83% accuracy on the AT&T Face Dataset

### Canvas CLI

- ❖ Implemented a command-line interface in Python for interacting with Canvas via its API
- ❖ Enabled users to upload, edit, and manage assignments and files efficiently