

## **DYLAN YOUNG**

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### **EDUCATION**

**University of Connecticut**, Storrs, CT

*Bachelor of Science in Engineering*, May 2024

Major in Computer Science

Concentration: Software Design and Development

**GPA:** 3.3/4.0

### **TECHNICAL SKILLS**

*Languages:* Python, C, NodeJS, Scheme(LISP), RISC-V

*Tools:* Git, Postman, Robo3T

*Database:* MongoDB

*Cloud Computing:* AWS, Heroku

### **WORK EXPERIENCE**

**School of Engineering**, Storrs, CT

*Senior Design Project Intern*, January 2022 - Present

- Working with an agile team of seven partnered with Triax Technologies to develop an open source project that will monitor energy consumption of their wearable sensors.
- Helping integrate scalable backend APIs to start tests, get results, and storing results on AWS servers

**School of Fine Arts**, Storrs, CT

*Student IT Assistant*, September 2021 - Present

- Create and update documentation as needed concerning network, software, and hardware problems.
- Ensure all technical issues were handled through efficient triaging of problems.
- Maintain websites with respect to form, content, and ease of use

**YMCA**, New Canaan, CT

*Lead Lifeguard*, August 2018 - Present

- Maintain a safe environment for patrons to participate in aquatics
- Trained new lifeguards regarding opening and closing procedures

### **PERSONAL PROJECTS**

**Crypto Portfolio Manager**, Stamford, CT

*Fullstack Project using FARM stack*, November 2021 - Present

- Collaborating with another developer to build a full-stack web app that focuses on tracking crypto assets
- Developing a **RESTful API** with **JWT** token authentication and testing with Postman
- Leading bi-weekly meetings to create milestones and report changes

**Crypto Bot**, Storrs, CT

*Discord bot hosted on Heroku*, Fall 2021

- Learned how to deploy and host a script on **Heroku** using **GIT**
- Utilized Python's request module to make **API** calls to fetch current cryptocurrency prices

**Twitter Monitor**, Stamford, CT

*Monitor User's tweets*, Winter 2020

- Constructed the logic to effectively monitor user's tweets using **Twitter's API**
- Queried Twitter data and visualized it through a Discord webhook