

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 the energy consumption of their wearable sensors.
- Helping integrate scalable backend APIs to start tests, get results, and store 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