

Leo Carten

Computer Science – Class of 2024

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EXPERIENCE

Freelance Developer — Website Creation and Bot automations

Mar 2022 - Sep 2022

I worked as a Developer for an NFT project. Majority of my work was web-programming in JavaScript and some bot automations in Python. I primarily dealt with APIs. Through this job, I was able to understand the proper work flow of a developer – I would listen to the team's needs, set up a wireframe, and once all needs were met I would then start developing. I was also able to improve my frontend user design skills, improve my backend skills such as familiarizing myself with APIs + AWS, and learned how to host and publish repositories on GitHub.

Plymouth State University — Tutor

Aug 2020 - Dec 2021 (during school months only)

I was a Research Methods and Statistics tutor. I helped my peers understand class material by working through problems and creating worksheets for them.

EDUCATION

Plymouth State University — B.S. in Computer Science

August 2019 - May 2024

3.87 GPA

My interests in Computer Science are data-visualization, block-chain development, and user-experience.

Campbell High School — Diploma

August 2015 - June 2019

3.6 GPA

Captain of Football Team

First team All-State Sophomore through Senior year

LANGUAGES / SKILLS

HTML • JavaScript • CSS • Python • Rest APIs • Java • PHP • Data Structures • Algorithms and Analysis • C / C++ • R • GitHub • Figma • Mac / Windows Operating Systems

COURSEWORK

Intro to Programming • Web Programming • Data Structures and Intermediate Programming • Calculus 1 • Calculus 2 • Mathematical Reasoning • Algorithms Analysis • Systems Analysis and Design • Systems programming in C / C++ • CyberEthics

SOFT SKILLS

- Leadership
- Problem Solving Abilities
- Task Management
- Analytical Thinking
- Communication

PROJECTS

Personalized Blockchain Explorer- I created a personalized blockchain explorer in which returns specific data of a users wallet address per request type.

Make-you-get-out-of-bed Alarm Clock- An alarm clock built using an Arduino in which is designed to force you to get out of bed. The “off” button is located several feet from the actual alarm clock. Every 5 seconds the alarm is not turned off, the alarm gets louder in pitch as the frequency is increased.

Temperature controlled Oscillating fan- The program gets the air temperature from a thermistor. If the air temperature is greater than 75°F, the Arduino will provide HIGH voltage to the servo motor and fan. The servo motor then rotates as the fan blows cool air.

