

Isaiah Alviola

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EDUCATION

Kean University

B.S Computer Science (Cybersecurity focus)

September 2020 - May, 2024

Union, NJ

PROFESSIONAL EXPERIENCE

Kean University Relations

Student Assistant to the Webmaster

September 2022 - Present

Union, NJ

- Oversee Kean University's website, maintaining functionality using Drupal Content Management Systems.
- Conducted UX/UI research on relevant market websites, identifying the best practices and design trends.
- Provide support ensuring the integrity of the website's content in order to meet accreditation standards.

Modo Labs

Software Engineering Intern

July 2022 - September 2022

Remote

- Developed a prototype mobile application that highlighted and addressed the specific needs of its target.
- Collaborated with a team to test code and improve documentation, tailoring to Modo's design patterns.
- Configured an AWS Lambda function with Node to connect to DynamoDB and REST APIs for real time data.
- Presented to company management through a live demonstration of my application's system and modules.

The Coder School

Code Coach & STEM Summer Camp Counselor

April 2022 - Present

Short Hills, NJ

- Utilize a project-based approach to teach adolescents an understanding of computer programming topics.
- Foster an inclusive and safe learning environment by encouraging problem-solving & critical thinking skills.
- Create lesson plans and projects using a range of programming languages including Scratch and Python.
- Cultivated client relationships through clear and open communication to support their education and goals.

TECHNICAL SKILLS

Programming Languages : Python, JavaScript, Java, PHP, MySQL, HTML5, CSS3

Frameworks: React, Angular, Django, Express / Node

Tools: MongoDB, MySQLite, Git, VMWare, Ubuntu, Apache, XAMPP, AJAX, AWS Lambda, Drupal CMS

PROJECTS

GR Restaurant Management Expense Tracker

<https://garbaldi.000webhostapp.com/>

September 2023 - January 2024

- Led the development of an innovative expense tracking application made for a local small business client.
- Implemented bi-weekly sprints and meetings ensuring consistent progress and delivery of key features.
- Oversaw integration of databases with a streamlined interface, enhancing reliability and user experience.
- Successfully delivered a robust expense tracking tool using PHP, HTML, CSS, MySQL, and Apache.

Sort It Out Interactive Website

<https://isaiah-alv.github.io/sort-it-out/>

April 2022 - September 2022

- Created an interactive learning tool for students at The Coder School that benefitted from visual learning.
- Incorporated intuitive graphical interfaces and visual aids to simplify coding concepts using ReactJS.