Isaiah Alviola

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EDUCATION

Kean University   **September 2020 - May, 2024**
B.S Computer Science (Cybersecurity focus)   *Union, NJ*

PROFESSIONAL EXPERIENCE

Kean University Relations   **September 2022 - Present**
Student Assistant to the Webmaster   *Union, NJ*
- Oversee Kean University's website by maintaining functionality using Drupal Content Management System.
- 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   **June 2022 - August 2022**
Software Engineering Intern   *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, tailored to Modo's design patterns.
- Configured an AWS Lambda function with Node to connect to 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   **April 2022 - Present**
Code Coach & STEM Summer Camp Counselor   *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 ES6, Java, PHP ▪ **Database:** MySQL, MongoDB, DynamoDB
Web Development: HTML, CSS, ReactJS, Node/Express, AJAX, Apache, Postman▪ **Frameworks:** Django, Spring

PROJECTS

GR Restaurant Management Expense Tracker   **September 2023 - January 2024**
https://garbaldi.000webhostapp.com/
- 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 to the client using PHP, HTML, CSS, and MySQL.

Sort It Out Interactive Website   **April 2022 - September 2022**
https://isaiah-alv.github.io/sort-it-out/
- Created an interactive learning tool for students at The Coder School that benefitted from visual learning.
- Incorporated intuitive graphical user interfaces and visual aids to simplify coding concepts using React.