

# Isaiah Alviola

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<https://isaiah-alv.github.io/home/> ▪ <https://github.com/isaiah-alv> ▪ <https://www.linkedin.com/in/isaiahalv/>

## EDUCATION

### Kean University

*B.S Computer Science (Cyber Security 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 and maintain functionality using Drupal Content Management System.
- Conduct UX/UI research on relevant market websites, implementing 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*

**June 2022 - August 2022**

*Remote*

- Developed a prototype mobile application that highlighted and addressed the specific needs of students.
- Collaborated with a team to test code and improve documentation, tailored to Modo's design patterns.
- Configured and used AWS services to host software that connected 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

*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 Unity and Python.
- Cultivated client relationships through clear and open communication to support their education goals.

## TECHNICAL SKILLS

C | Python | JavaScript | C# | Java | PHP | HTML5 | CSS3 | Bash | React | Angular | Node | Express | Django  
Webhooks | RESTful API | Apache | Postman | Git | Ubuntu | VMWare | Vim | Visual Studio | PowerShell

## PROJECTS

*My Portfolio: <https://isaiah-alv.github.io/home/projects.html>*

### Restaurant Management and Expense Tracker

**September 2023 - January 2024**

<https://github.com/isaiah-alv/garbaldi> | <https://garbaldi.000webhostapp.com/>

- Collaborated with the development of an expense tracking application made for a local small business.
- Scheduled 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

<https://github.com/isaiah-alv/sort-it-out> | <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.
- Featured important sorting algorithms presenting them in a manner tailored to students' learning levels.
- Incorporated intuitive graphical user interfaces and visual aids to simplify coding concepts using *React*.