Yitzhak Alvarez

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Education

State University of New York at New Paltz
B.S. Computer Science
Minor in Economics

May 2021
New Paltz, NY

Experience

Sponsored Programs and Research Compliance
Web Editor

October 2020 - present
SUNY New Paltz

- Using Terminal Four to update the department's contents, create new links, and upload revised forms.
- Making documents accessible for visually impaired users to comprehend and navigate content quickly and easily.
- Redesigning the department's website using HTML/CSS.

FALA Technologies Inc.
Marketing Intern

September 2020 - December 2020
Kingston, NY

- Designed a logo for the STEM & Technical Exploring Pathways (STEPs) Program using Canva.
- Gathered information and updated the website inventory using WordPress.
- Managed technical integrations with third-party services

Athletics and Recreation
Wellness and Recreation Office Assistant

November 2019 - March 2020
SUNY New Paltz

- Assisted the Director and Assistant Director of the department in collecting data and personal information.
- Handled incoming calls and other communications.
- Input data into a spreadsheet using Microsoft Excel.

One EPIC Place
Full-Stack Engineer Intern

September 2019 - December 2019
New Paltz, NY

- Developed a full-stack web application to allow clients to rent rooms from the company and allow staff to view data analytics from the stored users and rented rooms information.
- Designed a responsive and intuitive user interface using HTML, CSS/SCSS, JavaScript, and Vue.
- Created an extensive MVC patterned REST API using JavaScript, Node, Express, and MySQL.
- Structured a LEMP stack cloud server for a website, Node App, and Database using an SSH terminal.
- Communicated with company leaders to create an application from desired non-technical descriptions.
- Engaged in an agile environment using weekly scrum meetings and stories for efficient production.

Projects

Fitness Tracker App

GitHub | Live Site

- Worked on a web application that let users log their exercise workouts and upload and share photos of themselves exercising.
- Sculpted a reactive frontend for any screen with a fluid user interface for immersive interactivity.
- Programmed a versatile backend using a REST API and an MVC design pattern to accommodate various operations and to ensure user account safety.

Math Suite

GitHub

- Worked in a group of 3 to build an "education suite" application for mathematics for elementary-aged students.
- Designed the Admin Menu and General Use Case using Microsoft Visio.
- Created common core math-based assignments, "Adding 3 Numbers" and "Volumes of Cubes" using Java and JavaFX.

Skills

- **Languages:** Java, Python, HTML, CSS, JavaScript, jQuery, SQL, Swift, Ruby, R

- **Tools:** RESTful API, Node.js, Vue.js, Version Control (Git), Anaconda