

Yitzhak Alvarez

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EDUCATION

State University of New York at New Paltz

Bachelor of Science in Computer Science, Minor in Economics

New Paltz, NY

May 2021

SKILLS

HTML • CSS/SCSS • SASS • JavaScript • Java • Python • MySQL • Git • Babel • Photoshop • Swift • Ruby • RStudio • Bootstrap

EXPERIENCE

Sponsored Programs and Research Compliance

Office Assistant

SUNY New Paltz

Oct 2020 – present

- Using TerminalFour to edit the department's website and redesigning the website using HTML/CSS.
- Making department documents accessible.

FALA Technologies Inc.

Kingston, NY

Marketing Intern

Sept 2020 – Dec 2020

- Designing a logo for the STEM & Technical Exploring Pathways (STEPs) Program using Canva.
- Gather information and update the website inventory using WordPress.
- Manage technical integration with third party services.

Athletics and Recreation

SUNY New Paltz

Wellness and Recreation Office Assistant

Nov 2019 – Mar 2020

- 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

New Paltz, NY

Full Stack Engineer Intern

Sept 2019 – Dec 2019

- 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.

Academic Computing

SUNY New Paltz

Computer Lab Proctor

Sept 2017 – Jan 2019

- Helped students with computer related issues.
- Answered first-level software and hardware questions.
- Maintained the printer such as loading paper, changing the toner and fixing paper jams to ensure its functionality.

PROJECTS

Exercise App (HTML, CSS, Vue.js, Node.js, Express.js, MySQL)

[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 Front-End for any screen with a fluid user interface for immersive interactivity.
- Programmed a versatile Back-End using a REST API and an MVC design pattern to accommodate various operations and to ensure user account safety.
- Application supported large user accounts and storage of user linked data in separate tables.

Math Suite (Java, JavaFX, MySQL)

[GitHub](#)

- Worked in a group of 3 to build an "educational suite" application for mathematics.
- Designed the Admin Menu and General Use Case using Microsoft Visio.
- Created common core math-based assignments using Java and JavaFX.

ACTIVITIES & AFFILIATIONS

Member | Society of Hispanic Professional Engineers (SHPE)

Oct. 2018 – present

Member | National Society of Black Engineers (NSBE)

Sept. 2018 – present