

# Yitzhak Alvarez

yitzhak.alvarez1998@yahoo.com • (347) 606-5187 • [yitzhakalvarez.github.io](https://yitzhakalvarez.github.io) • [LinkedIn](#) • [GitHub](#)

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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

## TECHNICAL SKILLS

HTML • CSS • SASS • JavaScript • Java • Python • SQL • Git • Node.js • Vue.js • Swift • Ruby • R • jQuery • Bootstrap • React

## EXPERIENCE

### Sponsored Programs and Research Compliance

SUNY New Paltz

#### Web Editor

Oct 2020 – present

- Using Terminal Four to update the department's contents, create new links, and uploading revised forms.
- Making department documents accessible.
- Redesigning the department's website using HTML/CSS.

### FALA Technologies Inc.

Kingston, NY

#### Marketing Intern

Sept 2020 – Dec 2020

- Designed a logo for the STEM & Technical Exploring Pathways (STEPS) Program using Canva.
- Gathered information and update the website inventory using WordPress.
- Managed 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 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.
- 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 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.

### Airport Simulation (Java)

[GitHub](#)

- Created an airport simulator to determine if an airport needed another runway and to determine how many planes will crash in a given time.