

Yitzhak Alvarez

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EDUCATION

State University of New York at New Paltz | *New Paltz, NY*
Bachelor of Science in Computer Science, Minor in Economics

May 2021

TECHNICAL SKILLS

Languages: Swift, Ruby, Java, Python, R, C

Database: MySQL

Web Development: HTML5, CSS3, JavaScript, Bootstrap

Tools/Technologies: MIT App Inventor, Version Control (Git), Anaconda

Platforms: Windows, macOS, Linux

EXPERIENCE

Wellness and Recreation Office Assistant | *SUNY New Paltz*

November 2019 – March 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.

Full Stack Engineer Intern | One EPIC Place | *New Paltz, NY*

September 2019 – December 2019

- Collaborated with a team of developers to create a room-scheduler calendar and login system to replace YARooms, another web-based scheduler.
- 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.

Computer Lab Proctor | *SUNY New Paltz*

September 2017 – January 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

Math Suite (2020)

- Worked in a group of 3 to build an “educational suite” application for mathematics.
- Repo: github.com/yitzhakalvarez/MathSuite
- Utilized: Java, JavaFX, MySQL, Microsoft Visio

Airport Simulation (2019)

- Created an airport simulator to theoretically determine if an airport needed another runway.
- Repo: github.com/yitzhakalvarez/Airport-Simulation
- Utilized: Java

Tic Tac Toe AI (2018)

- A small game of tic tac toe playing against with the computer.
- Repo: github.com/yitzhakalvarez/TicTacToe-AI
- Utilized: Python

ACTIVITIES & AFFILIATIONS

Member | New Paltz Chess Club | *SUNY New Paltz*

September 2020 – present

Member | New Paltz Association of Science Academic (NPASA) | *SUNY New Paltz*

September 2019 – present

Member | Society of Hispanic Professional Engineers (SHPE) | *SUNY New Paltz*

October 2018 – present

Member | Association for Computing Machinery | *SUNY New Paltz*

September 2018 – present

Member | National Society of Black Engineers (NSBE) | *SUNY New Paltz*

September 2018 – present

Member | Engineering Club | *SUNY New Paltz*

September 2018 – present

Assistant Director of Videography | WNPC-TV | *SUNY New Paltz*

May 2018 – January 2020