

# Yitzhak Alvarez

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## EDUCATION

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

May 2021

## TECHNICAL SKILLS

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**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

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**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

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**Math Suite (2020)**

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

**Tic Tac Toe AI (2018)**

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

## ACTIVITIES & AFFILIATIONS

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

May 2018 – January 2020

- Trained and critiqued videography staff on camerawork and proper event coverage.
- Maintained contact with the campus’ news departments on weekly assignments.
- Assisted the director of videography as needed with filming and importing footages into the Mac.

**Historian** | Tau Kappa Epsilon Fraternity | *SUNY New Paltz*

August 2019 – December 2019

- Produced newsletters for chapter members and alumni and forward a copy to the Offices of the Grand Chapter.
- Provided information for The Teke magazine about chapter activities.
- Took photos or videos of chapter events to record chapter history for each term.