

# 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*

## EXPERIENCE

### Athletics & Recreation

*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.

### WNPC-TV

*Assistant Director of Videography*

**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.

### One EPIC Place

*Full Stack Engineer Intern*

**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.
- Communicated with company leaders to create an application from desired non-technical descriptions.

### Academic Computing

*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

**Personal Website:** [yitzhakalvarez.github.io](https://yitzhakalvarez.github.io) (for additional information and projects)

### Math Suite

- Worked in a group of 3 to build an “educational suite” application for mathematics.
- Created assignments that focused on math common core.
- Designed the Use Case Flow Chart.
- Repo: [github.com/yitzhakalvarez/MathSuite](https://github.com/yitzhakalvarez/MathSuite)
- Utilized: Java, JavaFX, MySQL, Microsoft Visio

### Tic Tac Toe AI

- 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

## 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