Yitzhak Alvarez

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EDUCATION

Bachelor of Science in Computer Science   **Graduation: December 2020**
State University of New York at New Paltz   New Paltz, New York

- Relevant Coursework: Assembly Language and Computer Architecture, Digital Logic Fundamentals, Discrete Mathematics for Computing, Discrete and Continuous Computer Algorithms, Language Processing, Software Engineering, Object Oriented Programming, Computer Science I: Foundations (Introduction to Java), Computer Science II: Data Structures, Computer Science III: Algorithms

SKILLS

Programming Language: Swift, Ruby, Java, Python, R, C, HTML, CSS, JavaScript, SQL
Platforms: Windows, MacOS
Communication: Spanish (Fluent)

EXPERIENCE

Wellness and Recreation Office Assistant   **November 2019 – present**
Athletics & Recreation   SUNY New Paltz

- Assist the Director and Assistant Director of the department in collecting data and personal information.
- Handle incoming calls and other communications.
- Input data into a spreadsheet using Microsoft Excel.

Assistant Director of Videography   **September 2018 – January 2020**
WNPC-TV   SUNY New Paltz

- 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.

Full Stack Developer Intern   **September 2019 – December 2019**
One EPIC Place   New Paltz, New York

- 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.

Computer Lab Proctor   **September 2017 – January 2019**
Academic Computing   SUNY New Paltz

- 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

Educational Learning K-12 Software   **January 2020 – present**

- Work in a group of 3 to build an "educational suite" application for mathematics using Java and MySQL.

Tic Tac Toe AI   **Summer 2019**

- A small game of tic tac toe playing against with the computer using Python.
- Repo: https://repl.it/@yalvarez1998/Tic-Tac-Toe-AI

LEADERSHIP AND ACTIVITIES

Tau Kappa Epsilon Fraternity, Sigma Nu Chapter   **August 2019 – present**
Campus Chair

- Responsible for reserving rooms and spaces for on-campus activities, such as executive board meetings, chapter meetings, fundraisers and informationals.
- Keep a schedule and itinerary of all on-campus events, reporting to the secretary of all room reserved and their locations, dates and times.

Historian   **May 2019 – December 2019**

- Took photos or recorded videos of chapter events to record chapter history.
- Coordinated all chapter alumni activities, events, and function with the Alumni Association President.
- Created a newsletter for chapter members and alumni and forward a copy to the Offices of the Grand Chapter.