



# Joshua Seligman

joshua.seligman1@marist.edu | 908-546-8784 | joshuaseligman.net

 joshuaseligman  
 Joshua Seligman

## Education

---

- **Marist College**

Poughkeepsie, NY

*Expected May 2024*

*Bachelor of Science in Computer Science*

- Minors: Data Science and Analytics, Information Technology, Information Systems
- GPA: 4.00/4.00 (Dean's List)
- Honors: Marist Presidential Scholarship, Dean's Circle (top 3% of students), National Society of Leadership and Success

## Relevant Coursework and Projects

---

- **Software Development Courses**

- Created a social media web application using the MongoDB, Express.js, EJS, and Node.js stack in JavaScript.
- Designed a database and utilized SQL to make tables and write appropriate queries using tables throughout the database.
- Wrote a Java application that simulates the War card game based on file input for the card deck.
- Developed a tool to calculate the center of mass of a 2-dimensional plane using Python, SciPy, and Matplotlib.

- **Personal Projects**

- Built a personal website with the Next.js framework and TypeScript and deployed with Docker and Oracle Cloud.
- Used Python's OpenCV and Kivy modules for object detection in an app that promotes increased attention spans (*Marist-IBM Datathon 3<sup>rd</sup> Place, 2021*).

## Relevant Experience

---

- **Code Ninjas**

Hillsborough, NJ

*May 2019 - Aug 2020*

*Code Sensei*

- Assisted students in their understanding of Scratch and JavaScript.
- Graded students' games and provided positive and constructive criticism.
- Taught campers in both an in-person and virtual environment how to make worlds in Roblox with Lua, how to make games in Scratch and JavaScript, and how to build websites using HTML and CSS.

## Work Experience

---

- **Marist College**

Poughkeepsie, NY

*Mar 2021 - Present*

*Tour Guide*

- Give tours to prospective students to show them around Marist's campus and answer their questions about the academic and social offerings at Marist.
- Assist in the Admissions Office as an Ambassador by communicating with prospective students and helping guide them through the college search process.

- **Oak Crest Day Camp**

Somerset, NJ

*Jun 2021 - Aug 2021*

*Camp Counselor*

- Led a group of first-grade campers and kept them active and engaged with a variety of activities.
- Ensured the physical and emotional well-being of the campers at all times.
- Communicated with parents on their child's personal growth throughout the summer.

## Leadership Experience

---

- **Hillel Club**

Poughkeepsie, NY

*Sep 2021 - Present*

*Student Representative Board Member*

- Serve as liaison between members and the board by collecting information regarding members' suggestions for club events.
- Communicate the results with the rest of the board to integrate the findings with plans for upcoming events.

- **Marist College Computer Society**

Poughkeepsie, NY

*Feb 2021 - Present*

*Vice President*

- Assist in planning events for the club.
- Distribute communication via Discord to club members regarding reminders for club meetings and general announcements.
- Participate in discussions with industry experts about their experience and tips for succeeding in computing fields.