

# Angel Velazquez

[angel.velazquez@stonybrook.edu](mailto:angel.velazquez@stonybrook.edu) | (631) 405-9591 | <https://github.com/angvelazquez>

## EDUCATION

**Stony Brook University**, Stony Brook, NY  
*Bachelor of Science in Computer Science*

Anticipated Graduation Date May 2022

**GPA: 3.72**

**Relevant Coursework:** Data Structures and Algorithms, Programming Abstractions, System Fundamentals I, Discrete Mathematics, Introduction to Object-Oriented Programming, Applied Finite Mathematical Structures, Applied Linear Algebra, Applied Calculus III, Applied Calculus II, Applied Calculus I

**Awards:** 30<sup>th</sup> Annual Hispanic Heritage Month Academic Award, 2020 DPLN Student of the Year Award, Dean's List Fall 2018, Spring 2019, Fall 2019, Spring 2020

## SKILLS

- Java, Python, MIPS Assembly, Ocaml, HTML, CSS, and TypeScript Programming
- Microsoft Bot Framework, Data Wrangling, Web Scraping
- Fluent Spanish speaker

## WORK EXPERIENCE

**Microsoft New Technologist Intern**, *Microsoft*

Redmond, WA

June 2020 – August 2020

- Engineered a chat bot capable of answering local government-related questions, as well as updating users about local events within their area using the Microsoft Bot Framework and Microsoft's Azure cloud service.
- Completed projects across the entire agile development lifecycle including: 1) developing a problem statement, 2) conducting user interviews, 3) ideating a solution, 4) designing and prototyping the solution, 5) creating an MVP, 6) conducting usability interviews and reiterating if needed in 7 weeks.
- Presented my team's MVP, a web application called *Localized*, to CVPs within the Microsoft M365 Core Team.

## PROJECTS

**Stony Brook Robotics Team**, *Personal*, Mars Rover

- Used Python and the OpenCV module to create 3 windows that each contained a different camera feed from external cameras that would be transmitted from the rover to its base station. Also created web scrapers to autonomously download images to create a custom dataset to train an image classifier.

**SBUHackathon**, *Personal*, VoizTrainer

- Created a web app that is geared to help people who are soft spoken, by using the microphone from the device visiting the website to measure the amplitude of the speaker's voice. When the amplitude is too low the device will start to vibrate, indicating they need to speak up.

**CSE 114**, *Introduction to Object-Oriented Programming*, Connect Four

- Applied all object-oriented programming concepts learned in CSE 114 by using Java to create a connect four game that would prompt two players to enter a row to drop their designated color into the game board which would then stop when a winner is found.

## LEADERSHIP

**Chapter Co-Founder & Co-President**, *ColorStack at Stony Brook University*

January 2020 – Present

- Co-Founded the chapter of ColorStack at Stony Brook University by creating the chapter constitution, selecting the founding executive board members, and increasing the chapter student body by 65%.
- Helped the founding executive board members get started in architecting the support systems for our student body.
- Connected the organization to the CS department and the university career center to start collaboratively increasing the entrance, retention, and success of Black and Latinx students pursuing technical majors.

**Career Preparation Fellow**, *Management Leadership for Tomorrow (MLT)*

January 2020 – Present

- Selected as one of 480 for an 18-month professional development program for high-achieving diverse talent
- Complete business case studies and intensive assignments to hone analytical, quantitative, and communication skills
- Participate in four seminars hosted by industry leaders, such as Google, Citi, Goldman Sachs, Deloitte, and Target.

**Introduction to Object-Oriented Programming Teaching Assistant**, *Stony Brook University*

January 2020 – May 2020

- Held two weekly office hours to assist a student body of 240 students in their homework, exams, and projects.
- Proctored exams being administered to 240 students as well as graded multiple exams entirely.
- Led student lab sessions as well as exam review sessions weekly in a class size of 30 students.

**Calculus 1 Teaching Assistant**, *Educational Opportunity Program (EOP)*

Stony Brook, NY

July 2019 – August 2019

- Prepared 19 students coming from underrepresented backgrounds to take a university mandated math placement exam by reinforcing the entire Calculus 1 curriculum in a matter of five weeks.
- Created weekly sample exams for 19 students that contained topics covered for the given week.

**Extern**, *Diversity Professional Leadership Network (DPLN)*

July 2019 – May 2020

- Selected to participate in a highly competitive diversity mentorship program. Attend weekly workshops on topics such as leadership, networking and communication, and professional development. Receive mentorship from a professional at Broadridge Financial Solutions.

## ORGANIZATIONS & EXTRACURRICULARS

**Singer**, *Stony Brook Chorale*, Stony Brook, NY

September 2018 – Present