

Nicholas Leong

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EDUCATION

State University of New York, Stony Brook University
Bachelor of Science (B.S.) - Computer Science

Expected Graduation: May 2022
GPA: 3.18/4.00

PERSONAL PROJECTS

Smart Mirror

October 2019 – November 2019

- Created an in-mirror display that displays widgets such as weather, time, news, and reminders
- Developed additional 3rd party modules, such as a Weather API to track local reports in real-time
- Widgets were created using JavaScript and CSS and were displayed by a Raspberry Pi

WORK EXPERIENCE

Stony Brook University – Residential Safety Program

September 2019 – Present

- Communicate with headquarters to advise on all conditions within student dormitories
- Direct students with help from Resident Assistants during emergencies using crowd control
- Ensure safe living conditions for both students and staff during the night

Roslyn High School - Calculus/Algebra Tutor

February 2017 – May 2018

- Tutored 16 students that ranged from high school to elementary school in calculus and algebra
- Created practice tests for students to simulate a real test-taking setting and elaborated on their mistakes
- 11 out of 16 students showed improvement of at least a 15% point increase

EXTRACURRICULARS

Theta Tau Professional Co-ed Engineering Fraternity - Engineering Project & Social Chair

December 2019 – Present

- Initiate in the creation of engineering projects with the combined technical efforts of the chapter's members
- Conversate with other organizations to improve on-campus relations and increase on-campus presence

Chinese Association at Stony Brook - Sophomore Representative

September 2019 – Present

- Organize events on campus that promote Chinese culture and spread awareness
- Attend weekly meetings to create and design new activities to increase attendance
- Consistently average over 300 members for biweekly events

Stony Brook University Volleyball Club - Member

September 2018 – Present

- Engage in competitive weekly practices that develop strong teamwork and communication
- Compete in weekly tournaments against other colleges and outside clubs

Roslyn High School Winter/Spring Track Team - Captain

November 2016 - May 2018

- Directed teams that averaged 60 people per season through workouts to promote growth
- Created personalized workouts with the coach to help improve teammates
- Succeeded in winning 4 conference championships and 1 county championship within 2 years

TECHNICAL SKILLS

- Languages: Java, Python, HTML, CSS, OCaml, JavaFX
- Libraries: React
- Other: Adobe Illustrator, Adobe Photoshop, MS Office, MS Powerpoint, MS Excel

RELEVANT COURSEWORK

- Object-Oriented Programming, Data Structures, Discrete Mathematics, Programming Abstractions