Cynthia Lee

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Objective

To gain real-world experience in order to apply classroom knowledge and develop a strong foundation in the computer science field.

Education

Stony Brook University, Stony Brook NY   **Expected Graduation:** May 2021

Bachelor of Science in Computer Science, GPA: 3.75

Relevant Courses: Computer Science I & II, Foundations in Computer Science, Applied Calculus II, Linear Algebra

Organizations: Women in Science & Engineering (WISE) Honors Program, Women in Computer Science (WiCS) Secretary

Midwood High School, Brooklyn NY   **Graduated:** June 2017

Medical Science Program, Advanced Regents Diploma, Career & Technical Endorsement, GPA: 97%

Relevant Courses: Robotics 1, Advanced Robotics 2, Mechatronics, AutoCAD, AP Statistics, AP Computer Science, AP Calculus AB

Honors: Dean's Honor Roll (2017); CET Award in Computer Programming (2017); Arista and Archon society (2017); The Haney Medal (2014) The School Art League

FTC New York Qualifiers (2016 – 2017): Winning Alliance Award; Inspire First Place Award; Control Award

Skills

Programming: Java, HTML, CSS, RobotC, LEGO Mindstorms

Software: Eclipse, Android Studio, Autodesk Inventor, MS Excel, MS Word, MS PowerPoint, Google Apps

Robotics: Designed, built and operated robot for New York City First Robotics Competition

Activities

Women in Computer Science (WiCS) Secretary, Stony Brook University, Stony Brook, NY   **(April 2018 – Present)**

Created each week's newsletters with relevant events. Designed motivational drawings for each newsletter. Organized and monitored email, Google, Facebook and Trello accounts. Promoted club and events on social media. Helped create and coordinate events. Attended e-board meetings to discuss how to improve attendance, events and budgeting.

First Tech Challenge, First Robotics, Midwood High School Robotics Team, Brooklyn, NY   **(Sept. 2015 – March 2017)**

Designed, built, and operated robots out of TETRIX, LEGO Technic, AndyMark components and raw materials. Helped program the robot with Java and Android Studio. Explained and gave presentations about Midwood's robotics program.

Co-Leader of Robotics Team   **(Sept. 2016 – March 2017)**

Delegated tasks to team members, mapped out building plans for the robot and taught robot mechanics. Explained and taught the basics of the code. Worked together with teammates to build the robot.

Main Driver of Robotics Team   **(Sept. 2016 – March 2017)**

Operated the robot and coached the co-driver. Navigated the robot around obstacles and communicated with the co-driver on when to activate the main mechanisms.

Co-Driver of Robotics Team   **(March 2016 – May 2016)**

Extended the arm of the robot by driving the rack and pinion system so that the robot can hook onto a metal bar and pull itself up.

Midwood High School Tutor, Brooklyn, NY   **(Sept. 2014 – Jan. 2015)**

Helped high school students with assignments and understanding material in mathematics and science.

BCA (Brooklyn Chinese American-Association), Brooklyn, NY   **(July 2014 – Aug. 2014)**

Volunteered at BCA Summer Camp. Attended to children in elementary school and helped them with assignments.