Cynthia Lee

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Objective

Interning to gain real-world experience and learn to collaborate in a work place setting.

Education

Stony Brook University, Stony Brook NY **Expected Graduation:** May 2021
Bachelor of Science in Computer Science
GPA: 3.75
Relevant Courses: Computer Science 1, Applied Calculus 2
Organizations and Activities: Women in Science & Engineering (WISE), Women in Computer Science Member (WiCS)

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 Computer Science, AP Statistics, 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

Software: Autodesk Inventor, MS Excel, MS Word, MS PowerPoint, Google Apps, Eclipse, Android Studio
Programming: Java, RobotC, LEGO Mindstorms
Robotics: Designed, built and operated robot for New York City First Robotics Competition

Activities

Robotics

First Tech Challenge, First Robotics, Midwood High School Robotics Team (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.

Tutoring

Midwood High School, Brooklyn, NY (Sept. 2014 – Jan. 2015)
Helped high school students with assignments and understanding material in mathematics and science.

Childcare

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.

Communication

NYU Mechatronics Education Innovation Workshop (Nov. 2016)
Explained Midwood's robotics program and progress of FTC robot to NYU students and professors from different colleges.

Leadership

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.