

MEGAN (MEIJUN) YIN

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EXPERIENCE

OCTOBER 2018 – PRESENT

CONTROLS SOFTWARE MEMBER, CORNELL MARS ROVER

Working with interdisciplinary team of over 50 members to develop software for our rover entered into University Rover Competition. Currently developing sensor GUI to aggregate data from sensors all around rover. Assisted in autonomous code testing and development.

DECEMBER 2018 – PRESENT

MARKETING STAFF, BIGRED//HACKS

Working with marketing team to promote BigRed//Hacks, Cornell's largest and oldest hackathon for college students.

NOVEMBER 2018

PROGRAM PARTICIPANT, 3 DAY STARTUP CORNELL UNIVERSITY

Worked on team of 8 to create and pitch an idea for Tailored Trends, an enterprise software that allows online retail shoppers to see the clothing on a hyper-realistic avatar of themselves. Articulated and presented the customer problem we were addressing

APRIL 2016-JUNE 2018

RESEARCH INTERN, CHRISTINA LESLIE COMPUTATIONAL BIOLOGY LAB MSKCC

Worked with Dr. Christina Leslie on a project using computer science, machine learning, and data science to predict tumor response to combination cancer therapy. Wrote research publication independently and submitted it to top research competitions. Won third place in category of Medicine and Health Sciences at NYC Science and Engineering Fair.

SEPTEMBER 2016 – JUNE 2018

SENIOR PROGRAMMER, FEMAIENS ROBOTICS TEAM (FRC 2265)

Contributed as senior programmer in high school all-girls robotics team. Worked on PID (proportional integral derivative) drivetrain subsystem code as well as ARDUINO LED code.

EDUCATION

AUGUST 2018-PRESENT

BACHELOR OF SCIENCE, CORNELL UNIVERSITY COLLEGE OF ENGINEERING

Majors: Computer Science • Operations Research and Information Engineering

Courses: Object Oriented Programming & Data Structures • Discrete Structures • Calculus III • Linear Algebra

SEPTEMBER 2015-JUNE 2018

HONORS REGENTS DIPLOMA, BRONX HIGH SCHOOL OF SCIENCE

Honors: National Honor Society • Honor Roll • 4.0 GPA

SKILLS

● Java ● C++ ● Python

ACHIEVEMENTS

- *Regional Engineering Inspiration Award [with qualification to National Competitions]*, New York City Regional, FIRST Robotics Competition, April 2018
- *Third Place*, New York City Science and Engineering Fair Category of Medicine and Health Sciences, March 2018
- *Quarterfinalist*, Junior Achievement New York Business Plan Competition, May 2017