

ALEXANDRA N WIGWE

ABOUT ME

I'm pursuing degrees in electrical engineering and computer science with a minor in architecture.

EXPERIENCE

2019- Research on Soft-Robotic Systems

2020 Massachusetts Institute of Technology

- During my freshman year:
 - I worked on the Bubble project under Ali Shtarnabov, a project that aimed to make wearable soft-robotics that could assist in grasping and grasping objects.
 - The project involved me working on a Bluetooth app using **Swift** so the grasping device could be controlled from a phone.

2019 Google Computer Science Institute

New York City Google Office, New York

- Over the course of 3 weeks:
 - I strengthened my proficiency in many coding languages including **Python** and **JavaScript**.
 - The program culminated in designing a website. My website (collink.appspot.com) utilized APIs, **HTML/CSS** for the front-end design of the website, and a noSQL database for the back-end of the website, which I used for features such as allowing users to post, a search function, 'add-to-calendar' function, etc.

2018- FIRST Robotics

2019 • Joined the inaugural FIRST Robotics my senior year of high school. I was a member of the electronics subsection and the mechanical/hardware subsection. We won 6 awards, including Rookie Inspiration and Highest Rookie Seed.

2018 NJIT Architecture Intensive

New Jersey Institute of Technology, 1-Week Intensive

- Explored 3D modeling and CAD software, working with laser cutters and creating 3D models of sketches, and drawing sketches from multiple perspectives while strengthening **Rhino** skills.

SKILLS

Python	3D Printing/Laser-
C++	cutting
HTML/CSS	Writing/Journalism
Swift	Graphic Design
Javascript	Photography

Rhino (732) 512 7195 • acnwigwe@mit.edu • GitHub: [alexcn3](https://github.com/alexcn3)

EDUCATION

2019 - 2023 • Massachusetts Institute of Technology | Cambridge, MA

2014 - 2019 • Metuchen High School
| Metuchen, NJ | 4.19/4.0 GPA

AWARDS

First Place in Mike Okonkwo
National Essay Competition, Nigeria
Gold Medal in RoboRave
International RoboEthics Team
Debate 2018