

ALLYSON HUR

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EDUCATION

Brooklyn Technical High School: Mechatronics and Robotics Major 2017 – Present

- Coursework: AP Calculus BC, AP Computer Science Principles, AP English, AP Physics, AP U.S. History, AP World History, AP Macro Economics With Government, Environmental Science, Chemistry, Digital Electronics, Robotics Engineering, Computer Interface Manufacturing, Mechatronics GPA: 98.81

EXPERIENCE

Summer 2020 UX Design Bootcamp Program 2020

- Built a market-ready, clickable design prototype of a mobile app
- Used affinity mapping, responsive design, wireframes, and prototyping techniques to design product

Tech Flex Leader, New York On Tech, Inc. 2019 - Present

- Participated in weekly technology classes taught by software engineers at leading technology companies
- Received 160 hours of coding using HTML, CSS, JavaScript, ReactJS, Cloud9, Github and Bootstrap

College Now @ City Tech: STEM Research Internship 2019

- Took courses on Forensics, Genetics, DNA, Cellular Biology, and Chemistry
- Built a robotic car remotely controlled by a Bluetooth app

Today's Teens Tomorrow's Techies (T4) Coding Competition 2019

- Participated in RoboFlag competition using GreenFoot programming, robotic action coding, and path-finding using A* Algorithm

Tech360@Google Code Next Generation Program 2018

- 10-week after-school programming for 10th and 11th graders
- Learned the fundamentals of web design and development from technology professionals

Computer Science for Cyber Security 2018

- Introduced to Phishing, Malware, Mobile Security, Caesar Cipher, Hashing, Wireshark, Privacy Protection, HashCat, and Virtual Network

Motion Graphics With After Effects 2018

- Learned about After Effects Interface, Text and Layer Animation, Chroma-keying, Keyframing, Compositing, and Outputting to Premiere

Google Apprenticeship, Tech Track Program 2017

- Introduced to Machine Learning, Project Management, and Data Analysis
- Built a graphics based computer game

NYC Councilwoman Margaret Chin Re-election Campaign 2017

- Interacted with voters to project campaign message and to answer their questions
- Canvassed district residents and phoned potential voters

John Hopkins Center for Talented Youth Summer Studies Program 2016 - 2017

- Studied Human Biology and Anatomy, Biochemistry, Molecular Biology, Bioethics, Human Organ Systems, Biological Organization, and Organ Dissection

AWARDS & ACHIEVEMENTS

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| • Science Olympiad – Experimental Design (7 th Place), Fossils (8 th Place) | • National Honors Society: Co-Senior Chair of Community Service |
| • Spring and Winter Choir Concerts: 2018, 2019 | • Outstanding Engineer's Notebook Award |
| • Co-President, BTHS Girl's Table Tennis Team– NYC Team Finalist 2017, 2019 | • U.S. Presidential Volunteer Award |
| | • AP Scholar with Distinction Award |

SKILLS

- Arduino, HTML, CSS, JavaScript, ReactJS, Cloud9, Github, Bootstrap, Microsoft Office, AutoCAD, Python, and Breadboarding