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## EDUCATION

**MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)** Cambridge, MA  
**JUNE 2022**

- Seeking a Double Major in Computer Science (6-3) and Economics (14-1)
- Relevant Coursework: Fundamentals of Programming, Intro to Algorithms, Discrete Mathematics, Intro to Data Science, Microeconomics, Macroeconomics, Multivariable Calculus, E&M and Classical Physics

**FORT MILL HIGH SCHOOL** Fort Mill, SC  
**MAY 2018**

- Valedictorian in a class of 504 students | ACT: 36 | GPA: 4.0/4.0

## EXPERIENCE

**CHECK POINT** Tel Aviv, Israel  
**JUNE – AUGUST 2019**

*Software Engineering Intern*

- Worked in the Advanced Threat Protection Division's R&D group to develop the backend for a new cybersecurity forensics product for enterprise endpoint security
- Researched and tested new backend solutions to establish a final cloud-based architecture for the project

**MICROSOFT** Cambridge, MA  
**JANUARY – FEBRUARY 2019**

*Software Engineering Intern*

- Developed an open-source app to demonstrate to developers how to effectively use the Intune iOS SDK for security across managed apps and devices

**MIT MOBILE TECHNOLOGY LAB (D-LAB)** Cambridge, MA  
**SEPTEMBER 2018 – MAY 2019**

*Undergraduate Researcher, Backend Developer*

- Developed a python-based backend server and API to apply ML algorithms and handle data transfers
- Worked with the lab team to develop IoT technology capable of detecting cardiovascular disease with low-cost hardware in developing countries

**RAPTOR UAV** Charlotte, NC  
**APRIL 2016 – DECEMBER 2018**

*Owner, Pilot, Video Editor*

- Started and grew the small business to over \$20,000 in revenue and 35+ projects completed for clients
- Implemented the use of drone technology to make commercials for real-estate companies
- Planned and executed projects from the sales stage to final video production for clients

**AMERICAN PROPERTY CONSULTANTS** Charlotte, NC  
**MAY 2018 – AUGUST 2018**

*Software Developer*

- Developed a python-based web-crawler and data aggregation software to reduce the time required to research appeals by approximately 75%; managed distribution of software to employees

## LEADERSHIP

**MIT StartLabs Entrepreneurship Club | Large Events/Finance Team** 2018 – PRESENT

**Model United Nations | Director of Business, IAEA Chair (MIT), Member (FMHS)** 2014 – PRESENT

**Fort Mill Student Council | Class President** 2014 – 2018

## AWARDS

- Robertson Scholars Program Finalist, Mathworks Math Modeling Challenge Semifinalist Team, Coca-Cola Scholars Program Finalist, Palmetto Boys State Lieutenant Governor and Mayor

## SKILLS

- Programming Skills: Python, backend and server development, iOS development, JavaScript/Node.js, Docker
- Interests: Documentaries, Current Events, Gaming, Videography/Photography, Tech/Startups