

# SUMMER VO

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## EDUCATION

Massachusetts Institute of Technology (MIT)

B.S. candidate, Course 6-3, Computer Science (CS)

Expected graduation 2021, GPA: 4.9/5.0

Alabama School of Fine Arts (ASFA)

High school, Russell Math & Science

Graduated 2017, GPA: 4.5/4.0

## RELEVANT COURSES (\* indicates fall 2019)

6.042 Mathematics for CS

6.036 Introduction to Machine Learning\*

6.035 Computer Language Engineering\*

6.031 Software Construction – Java

6.03 Introduction to EECS via Medical Devices – MATLAB

6.009 Fundamentals of Programming – Python

6.006 Introduction to Algorithms

6.004 Computation Structures

## LANGUAGES & TECHNOLOGIES

### PROFICIENT IN

Java, C/C++, Python, HTML

### FAMILIAR WITH

SAS and SQL, Alice, App Inventor, CSS

### CERTIFICATIONS

SAS Certified Base Programmer for SAS 9 from SAS Institute

2016

## RESEARCH EXPERIENCE

### Robustness of Currently Deployed Voice Authentication Systems

2016 – 2017

Computer and Information Sciences Department, University of Alabama at Birmingham, Dr. Nitesh Saxena

### Central Alabama Regional Science and Engineering Fair (CARSEF)

2017

3<sup>rd</sup> place Mathematics and Computer Science

INTEL Excellence in Computer Science Outstanding Achievement

## WORK EXPERIENCE

Posh Technologies – Python Chatbot Engineering Intern

2019

Virtu Financial – Wintern in Virtu's week-long Women's Winternship; designed quant trading strategies

2019

MIT 6.178 – Teaching Assistant and Lecturer

2019

## COMMUNITY SERVICE

MHEC – Served as justice for Maseeh Hall's government

2019

MIT Associate Advisor – Advised students entering their first year at MIT

2018 – 2019

DynaMIT – Served as board member, mentored, led STEM presentations for middle school students

2018 – 2019

Code For Good – Designed and developed web app for The Second Step nonprofit organization

2018

Science Olympiad – Proctored and graded Anatomy & Physiology

2018

### Mu Alpha Theta

Organized fundraising events, fund students' attendance Mu Alpha Theta National Convention

2015 – 2017

Tutored twice a week in Energy and Matter, Geometry, Algebra, Calculus, and Computer Science

2014 – 2017

Outreach – Led Lego Mindstorm activities for middle school students

2014 – 2017

## AWARDS

National Merit Finalist

2016

### Computer Science

American Computer Science League invitational – Perfect score

2017

High School Programming Contest – 1<sup>st</sup> place Grace Hopper Award & 5<sup>th</sup> place overall

2017

Science Olympiad – Top 3 Wind Power, Experimental Design, Anatomy & Physiology, Microbe Mission

2017

## ACTIVITIES

Asian Dance Team – Performed K-pop dance routines

2017 – 2018