

# SUMMER VO

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## EDUCATION

Massachusetts Institute of Technology (MIT)

Expected graduation 2021, GPA: 4.8/5.0

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

Member of Eta Kappa Nu (HKN) Honor Society 2020

Alabama School of Fine Arts (ASFA)

Graduated 2017, GPA: 4.5/4.0

High school, Russell Math & Science

## RELEVANT COURSES (\* indicates fall 2020)

6.815 Digital and Computational Photography\*

6.172 Performance Engineering of Software Systems - C

6.170 Software Studio\*

6.046 Design and Analysis of Algorithms

6.036 Introduction to Machine Learning – Python

6.033 Computer Systems 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 – Python

## LANGUAGES & TECHNOLOGIES

### PROFICIENT IN

Python, Java, C/C++

### CERTIFICATIONS

SAS Certified Base Programmer for SAS 9 from SAS Institute

### FAMILIAR WITH

Javascript (ReactJS), HTML, CSS

## WORK EXPERIENCE

**Virtu Financial** – Strategy Development Intern

2020

Built a React web app and RESTful API for visualizing and editing schedule data

**Posh Technologies** – Python Chatbot Engineering Intern

2019

Designed the Poshie chatbot backend as a demo on the Posh Technologies website

**Virtu Financial** – Wintern in Virtu's week-long Women's Winternship

2019

Designed quant trading strategies

**MIT 6.178** – Teaching Assistant and Lecturer

2019

Presented lectures on OOP, Java Equality, Concurrency, and Regular Expressions

**MIT 6.004** – Lab Assistant

2019

Assisted students in labs and course material

## 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

## COMMUNITY SERVICE

**HKN** – Tutored in 6.006, Introduction to Algorithms

2020

**MHEC** – Served as justice for Maseeh Hall's government

2019 – 2020

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

2018 – 2020

**DynaMIT** – Served as board member, mentored middle school students

2018 – 2020

Led Arduino Capstone, taught coding and hardware concepts

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

2018

## ACTIVITIES

**Asian Dance Team** – Performed K-pop dance routines

2017 – 2018