

SUMMER VO

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EDUCATION

Massachusetts Institute of Technology (MIT)

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

Member of Eta Kappa Nu (HKN) Honor Society 2020

Expected graduation 2021, GPA: 4.8/5.0

Alabama School of Fine Arts (ASFA)

High school, Russell Math & Science

Graduated 2017, GPA: 4.5/4.0

RELEVANT COURSES (* indicates fall 2020)

6.185 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

HTML, SAS and SQL, CSS

2016

WORK EXPERIENCE

Posh Technologies – Python Chatbot Engineering Intern

2019

Designed the Poshie chatbot for the Posh Technologies website

Abstracted banking chatbot code

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

3rd 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

Led STEM presentations in Forensics and Chemistry

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