

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 spring 2019)

6.179 Introduction to C/C++

6.178 Introduction to Java

6.042 Mathematics for CS

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

3rd place Mathematics and Computer Science

INTEL Excellence in Computer Science Outstanding Achievement

WORK EXPERIENCE

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

Peer Helper – Mentored incoming ASFA students 2013 – 2015

AWARDS

National Merit Finalist 2016

Computer Science

American Computer Science League invitational – Perfect score 2017

High School Programming Contest – 1st place Grace Hopper Award & 5th 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