

SUMMER VO

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Personal Website: <https://Svo217A.github.io>

EDUCATION

Massachusetts Institute of Technology (MIT)

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

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 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, CSS

FAMILIAR WITH

SAS and SQL, Alice, App Inventor

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

COMMUNITY SERVICE

MIT Associate Advisor – Advising and leading students entering their first year at MIT

2018 – 2019

DynaMIT – Board Member, mentored, led STEM presentations and activities 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

North American Computational Linguistics Olympiad invitational round – Top 2%

2016

Science Bowl – Alabama regional – 1st place team

2017

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

2017

BEST Robotics – Primary contributor to the winning engineering notebook

2015 – 2016

ACTIVITIES

Asian Dance Team – K-pop routines

2017 – 2018