SUMMER VO

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EDUCATION

Massachusetts Institute of Technology (MIT)   *Alabama School of Fine Arts (ASFA)*
B.S. candidate, Course 6-3, Computer Science (CS)   High school, Russell Math & Science
Expected graduation 2021, GPA: 4.8/5.0   Graduated 2017, GPA: 4.5/4.0

LANGUAGES & TECHNOLOGIES

FAMILIAR WITH
     Java, C/C++, Python   SAS and SQL   Alice, App Inventor
CERTIFICATIONS
     SAS Certified Base Programmer for SAS 9 from SAS Institute (2016)
RELEVANT COURSES (* indicates Fall 2018)
     6.179 Introduction to C/C++ (2018)
     6.178 Introduction to Java (2018)
     6.042 Mathematics for CS*
     6.031 Software Construction – Java*
     6.03 Introduction to EECS via Medical Devices – MATLAB (2018)
     6.009 Fundamentals of Programming – Python (2018)

COMMUNITY SERVICE

MIT School Events
- Volunteered, Harvard-MIT Math Tournament reception set-up, USWIM guide and grader, and Science Olympiad Anatomy & Physiology proctor and grader (2017 – 2018)
- Code For Good member, designed and developed web app for The Second Step nonprofit organization (2018)
- Mentor for DynaMIT, a student organized and run summer camp in STEM (Fall 2018)

Vice President & Member Mu Alpha Theta
- Organized and participated in multiple fundraising events for Mu Alpha Theta (2015 – 2017)
- Tutored twice a week in Energy and Matter, Geometry, Algebra, Calculus, and Computer Science (2015 – 2017)

School Wide Events
- Volunteered to teach middle school students how to program Lego Mindstorm robots (2014 – 2017)
- Mentored as a Peer Helper for incoming ASFA students (2013 – 2015)

AWARDS

- National Merit Finalist (2016)

COMPUTER SCIENCE

- Perfect score American Computer Science League invitational (2017)
- 1st place Grace Hopper Award & 5th place overall, High School Programming Contest (2017)
- Top 2%, invitational round of North American Computational Linguistics Olympiad (2016)

SCIENCE

Science Olympiad (2015 – 2017)
- 2017 Regional: top 3 Wind Power, Experimental Design, Anatomy & Physiology, Microbe Mission

BEST Robotics (2015 – 2016)
- Primary contributor to the Notebook, 1st place

Science Bowl (2017): 1st place team, Alabama regional

RESEARCH EXPERIENCE

Robustness of Currently Deployed Voice Authentication Systems
Computer and Information Sciences Department, University of Alabama at Birmingham, Dr. Nitesh Saxena
- 3rd place at CARSEF, Mathematics and Computer Science
- Awarded INTEL Excellence in Computer Science Outstanding Achievement