# SUMMER VO

1586 Timber Ct. Helena, AL 35080 ✶ (205)218-4841 ✶ summer.vo@outlook.com
Personal Website: https://Svo217A.github.io ✶ LinkedIn: https://www.linkedin.com/in/summer-vo/

## EDUCATION

*Massachusetts Institute of Technology (MIT)*

Graduated February 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

6.815 Digital and Computational Photography - C

6.172 Performance Engineering of Software Systems - C

6.170 Software Studio - JavaScript

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++

FAMILIAR WITH

Javascript (ReactJS), HTML, CSS

CERTIFICATIONS

SAS Certified Base Programmer for SAS 9 from SAS Institute                2016

## WORK EXPERIENCE

**Wolters Kluwer** – Software Engineer (Start date: June 14, 2021)                2021

**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

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

**Code For Good** – Designed and developed web app for The Second Step nonprofit organization                2018