

ArmaanLala

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education

May 2023 **Georgia Institute of Technology - GPA: 4.0**
Bachelor of Science in Computer Science
Bachelor of Science in Mathematics

experience

2018-2019 **The Coder School** Part-Time Job
Instructed kids between the ages of 8-16 where I taught various aspects of programming along with the syntax of either Scratch or Python. Additionally led summer classes in programming with class sizes up to 20 students.

2018 **GAP** Summer Job
Completed administrative tasks such inventory keeping and handling transactions up to \$ 500.
Engaged customers with friendly service and helpful attitude when providing product help.

projects

2020 **invEZ - UGA Hacks 5 BlackRock API Runner UP**
Developed invEZ, a web app designed to get people started in investing and provides clients with a portfolio of stocks tailored around their interests. This app received the Runner Up in the BlackRock Hackathon API Challenge.

2020 **Collection-Tracker**
Developed a Vue.js + Express.js web application utilizing Google Firebase Firestore and a Heroku Express server in order to host a database where users can catalog various video games, movies, and comics that they may own. Utilizes Firebase Authentication to handle users and allows for secure management of users and passwords.

2019 **Trade-Mate - HackGSU 2019**
App made for Hack GSU. College supplies are expensive and Trade-Mate is an app that allows for students to trade school supplies such as old textbooks and laptops with one another.

2018 **Facial Recognition**
Wrote a Face Classifier and Eye Classifier using OpenCv and Python. It can be trained based off of photos to classify individual people.

involvement

2019-2020 **American Computing Machinery**
A member of ACM and the Machine Learning Subgroup with a focus on learning tools eg. TensorFlow

2019-2020 **Institute of Electrical and Electronics Engineers**
Key member of a 4 person team that was chartered to design and develop a microprocessor based LED board to be used for advertising at various IEEE events

2019-2020 **International Collegiate Programming Contest**
Key team member of the UGA programming team that participated in the ICPC Southeastern Regional Programming Competition. Solved complex problems in python with a focus on efficiency and led the team to 8th position at the competition. (Highest Ranking UGA team at the competition)

programming

Java
Python
C++
Vue.js
Flutter
LaTeX

software

Blender
Visual Studio Code
Microsoft Office
Unix
Docker
Vim
Adobe Professional Suite
AutoCAD
Android Studio
Git

community service

Elkins Pointe Middle-School Tutoring
National Honor Society
North Fulton Charities
Park Restoration
Karate Atlanta Volunteer

awards

Dean's List
Principles Scholar's List

relevant courses

Intro to Software-Engineering
Linear Algebra
Discrete Mathematics
Data Structures
Computer Organization
Systems + Networks