

Mayank Kishore

mayankkishore.in@gmail.com | 908-361-3246 | kishoremayank.github.io | github.com/KishoreMayank | US Citizen

Looking for summer internships in software engineering, UI/UX development, data analytics, and machine learning

EDUCATION

Georgia Institute of Technology | B.S. in Computer Science | GPA: 4.0

Atlanta, Georgia

Relevant Courses: Object-Oriented Programming | Computing for Engineers

August 2017 – May 2021 (Expected)

Montgomery High School | GPA: 4.0

Montgomery, New Jersey

ACT: 35 | SAT Chemistry: 780 | SAT Math: 800 | SAT Physics: 760 | National AP Scholar | NHS

September 2013 - June 2017

Achievements: 2nd Place at Citadel Data Open at Georgia Tech and 3rd Place at Capital One Case Competition at Georgia Tech

CORE SKILLS

Programming: Java, MATLAB, JavaScript, AngularJS, Bootstrap, HTML, CSS, Python (DEAP, Keras, Pandas, Scikit, TensorFlow), C++

Tools: Android Studio, Git, Ubuntu, CLI, Anaconda, Jupyter Notebook, LaTeX, Autodesk Inventor, Autodesk Fusion, CNC

PROJECTS

Citadel Data Open | Won 2nd Place

February 2018

- Used Python and R to create a linear regression model to visualize the efficacy of government spending on the transport sector
- Created a LaTeX report to analyze how state government funding affected the amount of vehicle accidents and idle time

Lost and Found App

February 2018 – Present

- Developing a model that will pair an image of a lost object with the found object to return it to the owner
- Plan on using a convolutional neural network and image recognition to complete the project

Stocks and Options Manager

January 2018 – Present

- Developing a stock and option tracker with AngularJS that displays information in a simple user interface
- Informs user of optimal buy and sell times

GITMAD Appathon | GeoExtrapolator

October 2017

- Conveyed desirable locations to live based on personal preferences including climate, population density, and terrain
- Used HTML, CSS, and JavaScript along with the Google Maps Cluster API to display these locations

Project One Apps | Crash Course

August 2017 - Present

- Led two partners to create an android application which catalogued and stored educational videos into a user-friendly interface
- Designed the app to provide free and convenient access to these educational videos

EXPERIENCE

Vertically Integrated Project

Atlanta, Georgia

Automated Algorithm Design with Professor Greg Rohling

Spring 2018 - Present

- Designing machine learning, genetic, and evolutionary algorithms to outperform optimization methods and existing algorithms
- Leverage these algorithms with real datasets and develop a neural net for sample Titanic data

RoboJackets

Atlanta, Georgia

Intelligent Ground Vehicle Competition

Fall 2017 - Present

- Working with the software team using C++, Arduino, OpenCV, and Rviz to program an autonomous, off-road, robot
- Using computer vision to navigate through an obstacle course and compete against other teams in June

FIRST Robotics Team

Montgomery, New Jersey

Captain of Team 1403

September 2013 – June 2017

- Dealt with project management and allocation of tasks and won the District Chairman's Award & the Industrial Design Award
- Used Autodesk Inventor and Autodesk Fusion along with G-Code, a CNC, and a 3D printer to fabricate CAD models

ENTREPRENEURSHIP/LEADERSHIP

Case Competition | Won 3rd Place

November 2017

- Conducted extensive research to develop and present the reasons behind the rise and fall of Nokia

Montgomery Toastmaster Gavel Club | Co-Founder and Mentor

October 2015 – May 2017

- Contributed 60+ hours mentoring for 75+ 6th through 8th graders on their public speaking skills