

Mayank Kishore

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

Looking for summer 2018 internships in software engineering, UI/UX development, data analytics, or machine learning

EDUCATION

Georgia Institute of Technology | B.S. in Computer Science (Devices and Intelligence) | GPA: 4.0

Atlanta, Georgia

Courses: Object-Oriented Programming and Computing for Engineers

August 2017 – May 2021

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

CORE SKILLS

Programming: Java, MATLAB, AngularJS, Bootstrap, HTML, CSS, JavaScript, SQL, Python (DEAP, Pandas, NumPy, Scikit, TensorFlow)

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

AWARDS/ACHIEVEMENTS

Citadel Data Open | 2nd Place / \$2,500 Prize

February 2018

- Developed a linear regression model using Python and R 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

Capital One Case Competition | 3rd Place

November 2017

- Conducted extensive research to develop convincing explanations for the reasons behind Nokia's fall

PROJECTS

Stocks and Options Manager

January 2018 – Present

- Developing a stock and option tracker with AngularJS that displays analytics for stocks and options in a simple user interface
- Helpful in getting quick information about your investments and for notifying the user the best buy/sell time for an option

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 to catalog and store educational videos on a user-friendly interface
- Worked with java and xml files to develop the app environment and an image editor to create beautiful graphics

EXPERIENCE

Data Science at Georgia Tech

Atlanta, Georgia

Product Development Manager on the Technology Board

January 2018 - Present

- Working with the Georgia Tech Police Department to create a predictive map aimed at helping the police better fight crime
- Conducting and teaching data analysis and data visualization to students using Tensorflow, NumPy, Scikit, SQL, Tableau, etc.

Vertically Integrated Project

Atlanta, Georgia

Automated Algorithm Design with Professor Greg Rohling

January 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

LEADERSHIP

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