Mayank Kishore

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

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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, 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

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

Lost and Found App   *February 2018 – Present*
- Plan on using a convolutional neural network and image recognition to pair an image of a lost object with the found object
- Developing this app with a notification system that automatically notifies the user when their item is found

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

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