Mayank Kishore

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Looking for summer internships in software engineering, UI/UX development, 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*

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, Autodesk Inventor, Autodesk Fusion, CNC

PROJECTS

Lost and Found App *January 2018 – Present*
- Use a convolutional neural network to pair an image of a lost object with the found object to return it to the owner

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

Rutgers University *New Brunswick, New Jersey*
Research Intern under Professor Mina Pelegri *June 2016 - August 2016*
- Tried to maximize the tensile strength of carbon fiber to try and create lighter and safer bulletproof vests for the army and police

ENTREPRENEURSHIP/LEADERSHIP

Case Competition | 3rd Place *November 2017*
- Conducted extensive research to develop and present the reasons behind the rise and fall of Nokia

Eureka Elite Tutoring | Founder *December 2016 – August 2017*
- Founder of a tutoring service. Tutored over 20+ students of all ages in Mathematics, Science and English

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