# Mayank Kishore

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Obtain an internship for summer 2018 in the fields of software engineering, UI/UX development, or 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, Python, AngularJS, JavaScript, Bootstrap, HTML, CSS, C++
**Tools:** Android Studio, Git, Ubuntu, CLI, Anaconda, Jupyter Notebook, Autodesk Inventor, Autodesk Fusion, CNC

## PROJECTS

**Stocks and Options Manager | AngularJS** *January 2018 – Present*
- Developing a stock and option tracker that displays information in a simple user interface, so the user knows when to sell or buy

**Personal Website | JavaScript | HTML/CSS/Bootstrap |** *kishoremayank.github.io* *January 2018*
- Designed using HTML, CSS, and JavaScript along with the Github interface to display personal information

**GITMAD Appathon | JavaScript | HTML/CSS |** *GeoExtrapolator* *October 2017*
- Conveyed desirable locations to live based on personal preferences including climate, population density, and terrain
- Used the Google Maps Cluster API to display these locations

**Project One Apps | Android Studio |** *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 make these educational videos accessible to everyone for free

## 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 to real datasets beginning with 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 75+ 6th through 8th graders on their public speaking skills