

# Mayank Kishore

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Obtain an internship in the field of computer science for summer 2018 to gain practical work experience

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## 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*

## EXPERIENCE

**Vertically Integrated Project**

*Atlanta, Georgia*

*Automated Algorithm Design with Professor Greg Rohling*

*Spring 2018 - Present*

- Developing a framework for an automated method that develops hybrid algorithms to outperform existing methods
- Involved in this research to gain an understanding of the applications of machine learning in the improvement of algorithms

**RoboJackets**

*Atlanta, Georgia*

*Intelligent Ground Vehicle Competition*

*Fall 2017 - Present*

- Working with the software team and working with C++, Arduino, OpenCV, and Rviz to program an autonomous, off-road, robot
- Gaining a better understanding of computer vision, robotics and automation, and the process of troubleshooting problems

**FIRST Robotics Team**

*Montgomery, New Jersey*

*Captain of Team 1403*

*September 2013 – June 2017*

- Dealt with administrative tasks such as project management, allocation of tasks and automation of simple processes
- Used Autodesk Inventor to create 3D prototypes, Autodesk Fusion and G-Code to fabricate CAD models with a 3D printer, & a CNC milling machine to add precisely designed and reliably strong parts to our robot
- Set an outstanding example for other teams and won the District Chairman's Award & the Industrial Design Award

**Rutgers University**

*New Brunswick, New Jersey*

*Research Intern under Professor Mina Pelegri*

*June 2016 - August 2016*

- Utilized a SATCO to cut carbon fiber and lay the strips in different orientations to maximize the tensile strength of the carbon fiber
- Geared towards creating lighter and safer bulletproof vests for the army and police

## PROJECTS

**GITMAD Appathon**

*Atlanta, Georgia*

*GeoExtrapolator*

*October 2017*

- Designed a website that uses the Google Maps API to display desirable locations to live based on selected preferences
- Participated in the competition to gain experience in the implementation of APIs

**Project One Apps**

*Atlanta, Georgia*

*Crash Course*

*August 2017 - Present*

- Led two partners to create an android application with visually appealing graphics and simple video streaming content
- Developed this app to learn the basics of Android Studio and provide a stimulating interface for these educational videos

## ENTREPRENEURSHIP/LEADERSHIP

**Case Competition | 3<sup>rd</sup> 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

## CORE SKILLS

**Languages:** Java, MATLAB, Python, HTML, CSS, C++

**Tools:** Android Studio, AngularJS, Git, Ubuntu, CLI, Autodesk Inventor, Autodesk Fusion, CNC