AMAN KISHORE

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EDUCATION

University of Illinois Urbana-Champaign   *Urbana/Champaign, IL*
Bachelor of Science in Computer Engineering   **Cumulative GPA: 3.75/4.00**
Honors: Edmund J. James Scholar   Expected Graduation: May 2021

Montgomery High School   *Montgomery, NJ*
- ACT: 35 | AP Calculus BC 5 | SAT Math 800 | SAT Physics 760 | National AP Scholar   **GPA: 4.0/4.0**
- National Honors Society   Graduated: May 2017

EXPERIENCE

Granular   *Johnston, Iowa*
Seed Placement Team   *May 2018 – Present*
- Working on the full-stack of the seed placement app of the Encirca platform using Python and Angular
- Helping farmers maximize their productivity by analyzing soil nutrients, crop history and crop type

iRobotics | *Midwestern Robotics Design Competition*   *Champaign, Illinois*
Freshman Captain of BitCorn   *August 2017 – Present*
- Designed, built, and programmed a robot to qualify for an intercollegiate robotics competition
- Managed the 30+ members and organized weekly meetings and events to help foster team growth

Research Assistant | Rutgers University, New Brunswick   *July 2016 – September 2016*
- Used MATLAB to help measure the attenuation of electromagnetic waves passing through planar wave guide chips
- Calculated the maximum power for every integer wavelength and interpolated a graph of these values to find the max power at every conceivable wavelength

FIRST FRC Robotics Team 1403   *Champaign, Illinois*
Overall Robot Manager (2016-2017)   *September 2013 – June 2017*
- Led the electrical, mechanical, design and programming sub-teams and actively contributed at all levels

Programming Team Captain (2015-2016)
- Won the Innovation in Control Award (Rockwell Automation) in motion mapping and vision tracking software by using C++ and Python, respectively
- Obtained knowledge on building electrical circuit boards and on constructing robots through power tools

PROJECTS

Finder Mobile App   *February 2018 – Present*
- Created a mobile application that will use a convolutional neural net and image recognition to help find lost items

Android App Development | ProjectOne Apps   *July 2017 – August 2017*
- Partnered (with 2 fellow programmers) to create an Android app for Crash Course videos
- Integrated with YouTube API to ensure that content creators receive credit for the videos and simplified the organization of videos

LEADERSHIP/ENTREPRENEURSHIP

Eureka Elite | Private Tutor   *December 2016 – August 2017*
- Founded a private tutoring company to assist students of all ages. 10+ students with 80+ hours of private tutelage

Montgomery Toastmasters | President | Mentor   *October 2015 – April 2017*
- Spent 60+ hours mentoring students in public speaking and leadership skills with students from 3rd to 8th grade

SKILLS & INTERESTS

Technical Skills: Java, MATLAB, JavaScript, HTML, CSS, Python, C++, C, LC-3, AngularJS Tools: Android Studio, Git, CLI
Interests: Cross Country, Game of Thrones, Traveling, Technology, Reading, Robotics