AMAN KISHORE

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EDUCATION

University of Illinois Urbana-Champaign   *Urbana/Champaign, IL*
Bachelor of Science in Computer Engineering specializing in AI, Robotics and Cybernetics   **GPA: 3.75**
Honors: Edmund J. James Scholar & Dean's List & National AP Scholar   *August 2017 – December 2020*
Relevant Coursework: Data Structures/Algorithms, Discrete Structures, Computer Systems and Programming, Analog Signal Processing, Intro to Computing, Intro to Electronics, Multivariable Calculus

EXPERIENCE

Granular – Dupont Pioneer   *Johnston, Iowa*
Software Engineering Intern   *May 2018 – Present*
- Developed a seed placement app, as a part of an Agile team, that helps farmers effectively plan the crop placement on their fields based on numerous factors, which mitigated operational costs for almost 2 million fields
- Used a REST API, pulled data to the backend using Python and SQL integrated with the frontend using Angular

OTCR Consulting   *Champaign, Illinois*
Consultant   *February 2018 – Present*
- Advised an advertising startup to help increase their consumer base with a wider range of college students by analyzing competitors in the advertising industry and common practices that made companies successful
- Chosen as one of 18 students out of over 250 applicants to consult for Fortune 500 companies and startups

iRobotics – Midwestern Robotics Design Competition   *Champaign, Illinois*
Captain of BitCorn   *August 2017 – May 2018*
- Managed the over 30 members on different sub teams and organized weekly meetings and events to help foster team growth and organized the purchase of all the materials and software that we needed to complete the robot
- Designed, built, and programmed a robot to qualify for the Midwestern Robotics Design Competition

Nanochip Fabrication   *Rutgers University, New Jersey*
Research Assistant   *July 2016 – September 2016*
- Measured the attenuation of electromagnetic waves passing through planar wave guide chips using MATLAB
- Calculated the maximum power for every wavelength and interpolated these values to find every wavelength

PROJECTS

Video Game Popularity   *July 2018 – Present*
- Analyzed previous trends in the video game industry to develop a model to predict the longevity of *Fortnite*
- Implemented our program using Python and Django to build and deploy our data in an Agile setting

Tic Tac Toe   *June 2018*
- Created an intelligent tic tac toe game in Python using a basic machine learning algorithm

Automated Dorm   *February 2017 – April 2018*
- Built a module using a motor and a servo to automatically open/close the blinds and turn on/off the lights
- Using an Arduino UNO coded in C++ and an RFID shield and tag, we implemented our design in a dorm room

Android App Development | ProjectOne Apps   *July 2017 – August 2017*
- Integrated with YouTube API to organize videos from the education genre into a simplified format

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

SKILLS & INTERESTS

Programming: Proficient: C++, C, Python, SQL | Familiar: Java, Angular, LC-3, MATLAB, HTML/CSS, JavaScript
Software Tools: Git, Android Studio, CLI, DataGrip, Agile Central, Jenkins, AWS, CLion, Pycharm
Communication: Presentation Development, Problem Solving, Public Speaking, Leadership, Management
Interests: Watches, Running, Game of Thrones, Traveling, Technology, Reading, NBA, Video Games