AMAN KISHORE

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EDUCATION

University of Illinois Urbana-Champaign   **August 2017 – May 2020**

B.S. in Computer Engineering w/ Minor in Statistics | GPA: 3.75   *Champaign, Illinois*

<u>Specializations:</u> Artificial Intelligence, Robotics and Cybernetics

<u>Relevant Courses:</u> Operating Systems, Artificial Intelligence, Data Structures/Algorithms, Discrete Structures, Analog Signal Processing, Probability with Engineering

PROFESSIONAL EXPERIENCE

Granular – Dupont Pioneer   **May 2018 – July 2018**

Software Engineering Intern   *Johnston, Iowa*

- 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 Pioneer's REST API to pull data, from our database stored in Amazon Web Services Redshift, to the backend using Python and SQLalchemy and deployed the data to the frontend using Angular

OTCR Consulting   **February 2018 - Present**

Consultant   *Champaign, Illinois*

- 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
- Designed a data structures curriculum for prestigious schools and constantly working to create an impact on Fortune 500 companies, startups, and nonprofit organizations by providing well researched solutions to their problems

Nanochip Fabrication   **July 2016 – September 2016**

Research Assistant   *Rutgers University, New Jersey*

- Measured the attenuation of electromagnetic waves passing through planar wave guide chips using MATLAB

PERSONAL PROJECTS

Google Search Sentiment Analyzer   **December 2018**

- Implemented a phrase sentiment analyzer using Microsoft Azure's Text Analytics API which uses Natural Language Processing to determine the sentiment of keywords/phrases from a JSON input given by my web scraper
- Developed a general-purpose web scraper to pull the descriptions of a Google search based on a keyword/phrase

Video Game Popularity Projector   **August 2018 – September 2018**

- Analyzed 25+ trend indicators in video game industry data to predict popularity trajectory of current video games like *Fortnite* and compared the results with the trajectories of 10+ previous games
- Built and deployed results using Python and Django and displayed the data with graphs using Matplotlib & Numpy

Text Editor   **August 2018**

- Implemented a text editor using C to work with memory management and added features such as syntax highlighting

Automated Dorm   **February 2018 – 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

LEADERSHIP EXPEREINCE

Buzzwords Blog | *Co-Founder*   **August 2018 - Present**

- Helped create a technical blog with articles focused on cutting edge technology and student experiences
- Contributed articles about artificial intelligence including Google Duplex and my internship experience

iRobotics – MRDC Competition | *Captain*   **August 2017 – May 2018**

- Managed over 30 members on multiple 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 Competition

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, AWS Redshift, Visual Studio, Linux, LaTeX
Affiliations: Association of Computing Machinery, OTCR Consulting, Haus of Chiefs Competitive Dance Team
Interests: Wrist Watches, Running, Lifting, Travelling, Reading, Game of Thrones, NBA