

# AMAN KISHORE

amank2@illinois.edu | (908) 361-2979 | linkedin.com/in/aman-kishore | US Citizen  
amankishore.me | github.com/AmanKishore

## EDUCATION

### University of Illinois Urbana-Champaign

August 2017 – December 2020

B.S. in Computer Engineering | GPA: 3.75

*Champaign, Illinois*

Specializations: Artificial Intelligence, Robotics and Cybernetics

Relevant Courses: Data Structures/Algorithms, Discrete Structures, Computer Systems and Programming, Analog Signal Processing, Multivariable Calculus, Statistics Analysis

## 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
- Using Salesforce to optimize web application for BP 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

### Puppy Identifier

October 2018 – Present

- Implemented an image recognition program to identify the breed of the dog in a picture by training a neural network on a large data set of canine images and implemented the neural network using TensorFlow in Python

### 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

- Built a text editor using C to work with memory management and improve my understanding of the language
- Implemented features such as syntax highlighting and searching to increase the functionality of the program

### 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 EXPERIENCE

### 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