

# RACHIT AGARWAL

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## EDUCATION

**The University of Texas at Arlington**

Expected: May 2022

B.S. in Computer Science

**Coursework:** Object-Oriented Programming, Computer Organization, Algorithms, Data Structures, Discrete Structures

**Interests:** Autopilot systems, Product Dev & UX Research

## WORK EXPERIENCE

**Web Developer, Success Marketing**

Summer 2019

Success Marketing is a sales company located in India. They are one of the largest suppliers and distributors of disposable commodities such as cutlery, garbage bags etc.

- Worked as a web developer to build a tool to facilitate and increase the sales by adding information and images of their inventory and improve their market reach by 60% which increased their turnover by 20%.
- Increased the company's visibility globally. Created web application using **React.js, CSS, and google APIs**.

## SELECTED PROJECTS

**Finviser – HackTX 2019**

Fall 2019

- Deployed a Web App using **Mongo DB, React.js, Python, and Flask** to help people manage their finances.
- Created a finance advisor chatbot with **IBM's Watson AI on Bluemix, IBM's cloud service with Slack's API**.

**My Blood – HackUTA 2019**

Fall 2019

- Developed an application using **Python, Flask, Socket, CSS, HTML** to help hospitals finding blood donors on demand or in case of emergency by sending alerts.

**Fotention – TamuHack 2019**

Spring 2019

- Developed an application which tells people to get off phone, and focus on what they can do without phone (spending time with families, friend, Hobbies).
- Technologies used: **React.js, HTML, CSS, Firebase, Android Studio**

**Find my Laptop – HackUTA 2018**

Fall 2018

- Developed an application based on **HTML, CSS, JavaScript, and MySQL** which helps students to find the best laptops for their needs.
- Deployed a Web App using **GitHub pages** for live version.

**Parallel Parker – Personal Project**

Summer 2018

- Created a laser guided hardware for automobiles which helps them park parallelly.
- Coded **Arduino with C** for detecting the edges of vehicle.

## LEADERSHIP EXPERIENCES AND ACTIVITIES

**Co-Founder, Cyclotrots**

Fall 2017 – Fall 2018

- Developed a platform which created a community of 1000 cyclists.
- Led a campaign for cleaning the city. We cleaned 12 major roads and 40+ streets. The campaign lasted for 2 months (6 hours per week).

**Head boy, Disha Delphi School**

- Represented school at various events. Led as role model for students.

Fall 2016 – Spring 2017

## HONORS

- Maverick Scholarship recipient (Covering 90% of the tuition for 4 years) Fall 2018 - Present
- Academic Excellence Award by Times of India Fall 2017

## ADDITIONAL INFORMATION

**Computer Skills:** C, C++, Java, Linux, JavaScript, AWS, Python, Git, MATLAB, Flask, Django, Socket, HTML/CSS