

# RACHIT AGARWAL

rachit.agarwal@mavs.uta.edu | (415) 980-9637 | [www.linkedin.com/in/rachit8484](http://www.linkedin.com/in/rachit8484) | <https://therachitagarwal.com>

## 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, Linear Algebra, Advanced Calculus

**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 revenue 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.
- As part of Web App, 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 using **React.js, HTML, CSS, Firebase, Android Studio** which tells people to get off phone, and focus on what they can do without phone (spending time with families, friend, hobbies).

### 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 Parallel Park.
- Used **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, PyTorch, Git, MATLAB, Flask, Django, Socket, HTML/CSS