

RACHIT AGARWAL

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EDUCATION

University of Texas at Arlington

May 2021

B.S. in Computer Science

Coursework: Object-Oriented Programming, Algorithms and Data Structures, Computer Organization, Discrete Structures, Linear Algebra, Programming Languages

Skills: C/C++, JavaScript, Python, Java, HTML/CSS, Flask, React, Django, Socket.io, Git, MATLAB

WORK EXPERIENCE

UT Arlington

Arlington, TX

Technical Support Assistant

January 2020 – Present

- Primary responsibilities include providing IT support to UTA staff.
- Working with the foreign language department and College of Architecture to complete the Windows 10 migration project and transition from hard disk drive to solid state drives.
- Managing ServiceNow tickets, CrashPlan (A backing up software), images of Windows macOS.
- Managing the system encryption process using SecureDoc(AES 256-bit encryption).

Success Marketing

Kota, India

Product Manager intern - Web Developer

Summer 2019

- Worked as a web developer to build a website to facilitate and increase the sales by adding information and images of their inventory and improve their market reach.
- Increased the companys visibility globally by creating a web application using **React.js**, **CSS**, and **Google APIs**.

SELECTED PROJECTS

Finviser - HackTX 2019 Austin, TX

Fall 2019

A fully functional Web App for students to manage their personal finances

- Built using **Mongo DB**, **React.js**, **Python**, and **Flask** and deployed to **Heroku**.
- As part of Web App, created a finance advisor chatbot with **IBMs Watson AI on Bluemix**, **IBMs cloud service** with **Slacks API**.

My Blood - HackUTA 2019 Arlington, TX

Fall 2019

Web Application for hospitals to find blood donors on demand or in case of emergency by sending alerts.

- Developed an application using **Python**, **Flask**, **Socket**, **CSS**, **HTML**

Fotion - TamuHack 2019 College Station, TX

Spring 2019

Android/iOS App for people to get off phone, and focus on what they can do without phone (spending time with families, friend, hobbies).

- Developed an application using **React.js**, **HTML**, **CSS**, **Firebase**

Find my Laptop - Personal Project

Fall 2018

Application which helps students to find the best laptops for their needs

- Built a Web App using the **WAMP(Windows, Apache, MySQL, PHP)** stack with extensive use of **Javascript** on the frontend and deployed it using **GitHub pages**.

LEADERSHIP EXPERIENCES AND ACTIVITIES

Co-Founder, Cyclotrots

Fall 2017 Fall 2018

- Started and managed a cycling community in the city of Kota, Rajasthan. 1000+ active members as of April, 2020.
- Led 2 month-long city sanitation campaign spanning 5 km2.

Head boy, Disha Delphi School

Fall 2016 Spring 2017

- Represented school at intra-school events.

AWARDS

Maverick Scholarship recipient - (Covering 90% of the tuition for 4 years)

Fall 2018 - Present

Academic Excellence Award by Times of India

Fall 2016