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, Linear Algebra
Interests: Product Dev

WORK EXPERIENCE

Technical Support Assistant, *UT Arlington*   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).

Product Manager Intern, *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 website to facilitate and increase the sales by adding information and images of their inventory and improve their market reach.
- Increased the company's visibility globally. Created web application using **React.js, CSS, and Google APIs**.

SELECTED PROJECTS

Finviser – *HackTX 2019*   Fall 2019
- Built a Web App to help people manage their finances using **Mongo DB, React.js, Python, and Flask** and deployed to Heroku.
- 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** 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 – *Personal Project*   Fall 2018
- Built an application which helps students to find the best laptops for their needs using the **WAMP(Windows, Apache, MySQL, PHP)** stack with extensive use of **Javascript** on the frontend.
- Deployed a Web App 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 km^2.

Head boy, *Disha Delphi School*
- Represented school at intra-school events.   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 2016

ADDITIONAL INFORMATION

Languages: C/C++, JavaScript, Python, Java, HTML/CSS
Frameworks: Flask, React, Django, Socket.io
Systems and Tools: Git, MATLAB