UZAIR CHHAPRA
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EDUCATION

Rajiv Gandhi Institute of Technology, University of Mumbai, India   **August 2016 – June 2020**
Bachelor of Engineering in Computer Engineering (CGPA 8.41/10)
Relevant Courses: Analysis of Algorithms, Database Management System, COA, Web Technologies, Theory of Computer Science, Software Engineering, Data Warehousing & Mining, Machine Learning, Artificial Intelligence & Soft Computing, Natural Language Processing, Big Data Analytics, Management Information Systems.

PROFESSIONAL EXPERIENCE

Aliter Business Solutions Pvt. Ltd. Mumbai, India   **May 2019 – November 2019**
IoT Intern
Aliter is a growing company providing business solutions for its customers.
- Worked on developing a proprietary Pick-to-Light system for a client of the company.
- Interacted with the client over product functionalities.
- Worked on the hardware design as well as the software of the product.
- Link for the Website: https://www.alitersolutions.com/

ACADEMIC PROJECTS AND PAPERS

ChargingBuddy   **June 2019 - Present**
- Provides users a secure locker based mobile charging station at public places such as shopping malls.
- Purpose of the project is to increase revenue of the place at which the station is installed.
- Will provide personalized product recommendations for users to buy from the place the station is located at.
- Main technologies used: Django, AWS IoT Core (MQTT), Swift (for iOS), Java (Android).
- Hardware used: Raspberry Pi, Relays, electronic door locks.
- Web application is deployed at: https://chargingwizard.au-syd.mybluemix.net/charge/

MoneyMe   **April 2019**
- Provides a money management and analysis platform for users to understand their money spending and saving patterns across multiple bank accounts.
- Uses Machine Learning to group similar users and provide analysis of their data.
- Technologies used: Django, Python, Pandas, NumPy, Matplotlib, SciPy, Flutter.

Autonomous Home Security   **February 2018 – December 2018**
- A Home Security device that grants or blocks entry into the house based on the person at the door. Owner of the house gets notified via email and an android app with the picture of the person at the door.
- Technologies used: Machine Learning and Computer Vision, Django, Raspberry Pi, Firebase, Python, Java.
- Authored and presented a paper titled '*Autonomous Home Security System Using Internet of Things and Machine Learning*' at the *International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2019)* which has been published in *Innovative Data Communication Technologies and Application, Springer Lecture Notes on Data Engineering and Communications*, vol. 46.

BookMyBicycle   **August 2018 – November 2018**
- Provides users a bicycle renting platform. It supports scheduled booking.
- Technologies used: Django, Ajax, HTML, CSS, Bootstrap, JavaScript, jQuery, JSON, MySQL.
- Web application is deployed at: http://bookmybicycle.pythonanywhere.com/

TECHNICAL SKILLS
- Programming Languages: Python, C, Java, Ajax, HTML, CSS, JavaScript, R, PHP, Arduino, Flutter.
- Software & Methodology: Machine Learning, Data Science, NLP, Android Studio, Git, Trello, Agile Methodology, UML, Scrum, Microsoft Office, MATLAB, Lucid Chart, Django, Laravel,
- Microcontrollers like Raspberry Pi, Arduino, Node MCU.

EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS
- Topper of Semester 6 with a GPA of 9.46.
- Participated in various Hackathons around Mumbai. Won 4th Place in Atharva Hackathon 2019.
- Working member of CESS (Computer Engineering Students Society) in College.
- Participated at the annual IIT Techfest 2013 (Mumbai) and stood 8th for the project Hydranoid Dockyard.