

Mohit Garg

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Education

Herbert Wertheim College of Engineering , University of Florida	GAINESVILLE, FLORIDA
Master of Science in Computer Science	3.28/4
	August 2019 – Dec 2020 (Expected)
Study Abroad , University of Florida	GAINESVILLE, FLORIDA
Computer Science Senior Certificate Student	3.4/4
	January 2019 – May 2019
Amity School of Engineering and Technology (ASET) , Amity University	NOIDA, UTTAR PRADESH
Bachelor of Technology in Computer Science	7.44/10
	July 2015 – December 2018

Skills

Programming Languages: Java, Python, JavaScript, Elixir, C, C++

Cloud Technologies: AWS (EC2, S3, IAM, Databases , Route 53, VPC), Dialogflow, Google Cloud Platform

Software and IDEs: Android Studio, Eclipse, PyCharm, Oracle SQL Developer, Atom, git, Docker, Jenkins

Others: MySQL, HTML, CSS, \LaTeX , Bootstrap

Selected Projects

Covid-19	April 2020 – May 2020
▷ Built an Android Application to track the updated confirmed, deaths, and recovered cases of coronavirus.	
▷ Voice Assistance enabled application using Dialogflow to query latest cases.	
Face Recognition Attendance System	March 2020 – April 2020
▷ Implemented realtime Attendance System using OpenCV with Interactive GUI.	
▷ Recognizes and marks the attendance in CSV format with over 96% accuracy rate .	
Twitter Engine	November 2019 – December 2019
▷ Implemented the Twitter Engine using Phoenix Framework in Elixir.	
▷ Connected the Web Sockets for direct tweet, message passing, and live Tweet sent to online users.	
Gossip Simulator	September 2019 – October 2019
▷ Implemented 3Dtorus, honeycomb and random honeycomb network topologies.	
▷ Largest Network tested 100000, 50000 and 150000 in 3Dtorus, honeycomb and random honeycomb respectively.	
B-Plus Tree	March 2019 – April 2019
▷ Implemented an in-memory B-Plus Tree using Arrays and Linked List in C++.	
Night-Rider Web Application	February 2019 – May 2019
▷ Filtered, normalized, and Managed the Database of 7.5 million tuples in Database management systems.	
▷ Created 20 complex queries to generate statistics of Las Vegas crime, Buses, and Hotels on the website.	

Experience

Software Developer Trainee @ Apttron Solution	May 2018 – July 2018
▷ Developed a web application using DevOps Methodology.	
▷ Deployed the web application on the Docker container using CentOS 7.	
▷ Tested Docker image using maven and monitor the new GitHub updates using Jenkins server.	

Extra-Curricular Activities

▷ Volunteered with an NGO as an English and Math teacher to teach underprivileged children.	January 2018 – May 2018
▷ finished as one of the top cadets in a week long Military Training Camp organized by the Amity University in association with the Indian Army.	September 2017