

Mohit Garg

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Experience

Software Developer Intern @ Aptron Solution

May – July 2018

- ▷ Developed a web application using DevOps Methodology (Jenkins, CSS, JavaScript).
- ▷ Deployed the Aptron web application on the Docker container using CentOS 7.
- ▷ Tested Docker image using maven and monitor the new GitHub updates using Jenkins server.

Education

Herbert Wertheim College of Engineering , University of Florida

Master of Science in Computer Science

3.28/4

GAINESVILLE, FLORIDA
August 2020 – Present

Study Abroad , University of Florida

Computer Science Senior Certificate Student

3.4/4

GAINESVILLE, FLORIDA
January – May 2019

Amity School of Engineering and Technology (ASET) , Amity University

Bachelor of Technology in Computer Science

7.44/10

NOIDA, UTTAR PRADESH
July – May 2019

Selected Projects

Covid-19

April – 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 – 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 – 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 – October 2019

- ▷ Implemented **3Dtorus, honeycomb and random honeycomb** network topologies.
- ▷ Largest Network tested **100000, 50000 and 150000** in 3Dtorus, honeycomb and rand honeycomb respectively.

B-Plus Tree

Mar – April 2019

- ▷ Implemented an **in-memory B-Plus Tree** using Arrays and Linked List in C++.

Night-Rider Web Application

February – 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.

Skills

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

Operating Systems: MAC OS, CENT OS 7, WINDOWS

Software and IDEs: Visual Studio, Android Studio, Eclipse, Sublime, Atom, git, Docker, Jenkins, Anaconda

Others: AWS, Git, L^AT_EX, HTML, CSS, Bootstrap, Dialogflow

Extra-Curricular Activities

- ▷ Volunteered with an NGO as an English and Math teacher to teach underprivileged children. **January – 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**