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 - December 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

Technical Skills: AWS , Dialogflow, Google Cloud Platform, Distributed Systems, Android Development, Algorithm Design and Analysis, Data Structures, Git, Web Development, DevOps

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

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 rand 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 @ Aptron 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.

Accomplishments

  ▷ Admitted with Dean's Merit Scholarship for demonstration of Excellence in Computer Science **August 2019 - Dec 2020**
  ▷ 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**