Himanshu Patel

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Education

Syracuse University, Syracuse, NY   May 2020

M.S. in Computer Science

Courses: Social Media Data Mining, Computer Architecture, Design and analysis of algorithm

Gujarat Technological University, Ahmedabad, India   June 2018

Bachelor of Engineering in Computer Engineering

Experience

Software Developer Intern, Anand, India   January to March 2018

Alian Software LLC.

- Developed user management system for the thin client system to ease the management.
- Implemented thin client support for the Raspberry Pi using Python library.
- Enriched the user connectivity to Windows Server.
- Formulated the efficient thin client system for Windows Server to ease the access of server.

Projects

Thin Client using Raspberry Pi:
- An Efficient Server and Client system in which user can easily access the resources of the servers.
- Delivered a Python app through which any user can use the GUI and resources of the servers using Raspberry pi.
- Deployed an elegant system based on Virtual Network Computing.

Garbage Collection Management with Android Application (Android, SQLite)**:**
- An Android app which shows the level of all garbage bins which are in the public places.
- The garbage truck can easily pick up the garbage from the city, leading to less spreading of dust in areas.

University Attendance System using QR Code (Android, SQLite, SQL Server):
- Made an Attendance system based on mobile app.
- The student can use the app to mark their attendance given by the QR Code from the professor.

Product Recommendation using Machine Learning:
- Made an Python app which recommended products based upon comments of the users.
- Used a sentiment analysis of the words of every sentence.
- Displayed a positive and negative comments of any item.

Research Paper

- Himanshu Patel, Priya Patel, Parth Shah. **Analyze Data Mining Algorithms for Prediction of Diabetes**. International Journal of Engineering Development and Research, Volume 5, Issue 3, 2017. Pages 466-473.

Skills & Technologies

- Languages: Python, Android, Java, CSS, HTML, C, C++, PHP
- Tools: Big Data, Adobe Photoshop, Cloud Computing with Google Cloud and AWS, Machine Learning
- Operating System: Linux, Windows 10, Android
- Networking: Cisco Packet Tracer, NetSIM
- Database: MySQL, Hadoop

Certificates

- Introduction to Big Data, University of California San Diego (Coursera)
- Machine Learning Foundations: A Case Study Approach, University of Washington (Coursera)
- Introduction to Data Science using Python (Udemy)
- Get Oracle Flying in AWS Cloud (Udemy)
- Cloud Computing with AWS (Udemy)