

Himanshu Patel

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Education

Syracuse University, Syracuse, NY

August 2018 - May 2020

M.S. in Computer Science (GPA : 3.444)

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

July 2017 to March 2018

Alian Software LLC.

- Formulated the efficient thin client system for Windows Server to ease the access of server.
- Advanced user management system for the thin client system to ease the management by 20%.
- Enforced thin client support for the Raspberry Pi using Python library for effective access.

Projects

Hate Speech Detection In Twitter using Natural Language Processing:

- Designed and implemented a system which can fetch all the negative tweets for a particular user or hashtag.
- Used a Tf-Idf and count vectorizer for feature extraction of the tweets.
- Deployed a Hate speech detection with three classifier Multinomial Naïve Byes, Support Vector Machines and Logical Regression to expose negative tweets.

University Attendance System using QR Code:

- Designed an Attendance system based on the Android app.
- Made an app to mark student's attendance easily by the QR Code.

Product Recommendation using Machine Learning:

- Made a Python app which recommended products based upon comments of the users.
- Used a sentiment analysis of the words of every sentence to get the overall review of a product.
- Displayed positive and negative comments on any item.

Thin Client using Raspberry Pi:

- Created an Efficient Server and Client system through which a user can easily access the resources of the servers.
- Delivered a Python app through which any user can use the GUI and resources of servers with Raspberry pi.
- Deployed an elegant remote management system based on Virtual Network Computing protocol to enhance user experience and compatibility.

Research Paper

- Patel, H., Patel, P., Shah, P. **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, Java, C++, SQL, CSS, HTML, JavaScript, C, PHP, MySQL
- Tools: Machine Learning, Git, Docker, Big Data, Google Cloud, AWS, Android, Adobe Photoshop, Cisco Packet Tracer, Hadoop
- Operating Systems: Linux, Windows 10, Android

Certificates

- Introduction to Big Data, University of California San Diego (Coursera), February 2018
- Machine Learning Foundations: A Case Study Approach, University of Washington (Coursera), April 2018
- Introduction to Data Science using Python (Udemy), March 2018
- Cloud Computing with AWS (Udemy), March 2018