

Himanshu Patel

(332) 201-2623 | hpatel11@syr.edu | <http://www.himanshuptl.me> | <https://github.com/himanshu188>

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 (GPA : 8.7 / 10)

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 for the Android Smartphone.
- Made an app to mark student's attendance easily by the QR Code to decrease the time taken for the attendance.
- The state of art online and time based attendance system through which professor can easily track record of attendance.

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, C#, ASP.NET
- 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