

Siddharth Vyas

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EDUCATION

University of Illinois at Chicago

Master of Science Management Information Systems GPA: 3.83/4.00

Chicago, Illinois

December 2022

- Relevant Coursework: Web Analytics, Advanced Database Management for Business, Business Data visualization, Statistics for Management, Object Oriented Programming for Business, Operations Management, Data Mining, Project Management.

WORK EXPERIENCE

Metricana

Java Developer Intern

Udaipur, India

June 2017- September 2017

- Delivered software on-time and constantly work to make accurate estimates and delivered on those estimates
- Managed tasks and priorities and communicated progress to immediate superior and clients regularly.
- Performed problem analysis with guidance from other software engineers.
- Design, execute and automate scenarios, scripts, and procedures.
- Document software defects, using a bug tracking system and assisting senior developers in debugging the code.

Eckovation

Python Intern

Mumbai, India

May 2018 - October 2018

- Web scraped data, processed, cleaned and validated the data from different sources
- Performed data analysis on the data using matplotlib, seaborn
- Built a Program which helped in spidering of mail data from a single source and store the data.
- Assisted in Hindi Handwriting Recognition a Machine Learning project which detected Hindi letters from images

UI Health

Marketing and Database Assistant

Chicago, Illinois

June 2021 - Present

- Designed and improved the current website layout using Wordpress. Created and analyze surveys
- Collaborated with the Data Warehouse team to make data driven decisions.
- Assist in the delivery of analytic assets (reports, dashboards), insights to business partners.

PROJECTS

Delay Analysis and Prediction for Envoy Airlines using Tableau

June 2021 - August 2021

- Aggregated 7 million data points and 41 variables, uncovered insights hidden in data to predict the delay in Envoy airlines.
- Bivariate Analysis on Departure Delay in minutes and Departure delay groups, Departure Delay in minutes and Cause of Delay, Departure Delay in minutes and Origin, Departure Delay in minutes and Destination.
- Performed Industry Analysis on competitor airlines of Envoy followed by recommendations to reduce the delay and published it [online](#).

Course Registration System Using JAVA

April 2021 - May 2021

- Created a huge student data set in SQL
- Designed a versatile course registration system which registered students and helped them drop courses.
- Developed searching and sorting algorithms to search different student data in the data set.

Twitter Sentiment Analysis

September 2020 - October 2020

- Web Scraped Tweets from Twitter, removed data inconsistencies and saved them in a file.
- Created a pipeline to remove stop-words, punctuation, and perform tokenization.
- Trained a Naïve Bayes Classifier and assessed its performance.

Hospital Management System

June 2018 - November 2018

- Partnered with a local hospital to work on their Database System
- Used MySQL to query complex patient data to help doctors.
- Used Data Visualization Software like Tableau to visualize the data and to find insights from the data.
- Extracted data from the database and store the data for special projects.

SKILLS

Skills: Python, SQL, Tableau, Power BI, JAVA, SAS, R Programming, SPSS, Excel, HTML, CSS, Google Analytics, C