

NIDHI VRAJ SADHUVALA

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Highly ambitious, motivated and results oriented individual adept at advanced programming and data science analytical skills seeking an internship opportunity.

Education

Indiana University Bloomington, Master's in Data Science

2021- 2023

— Elements of Artificial Intelligence, Applied Algorithms, Statistics

CGPA: 3.66/4

— Applied Machine Learning, Machine Learning for Signal Processing, Exploratory Data Analysis

Chaitanya Bharathi Institute of Technology, Bachelor's in Computer Science

2016- 2020

CGPA: 7.6/10

Academic Projects

- Built a simple regression model to infer the relationship between the auction prices and the odometer reading for all 3-year-old Toyota Camrys at 5% significance level.
- Built a logistic regression model to derive the relationship between the response rates and the marketing campaigns for an e-commerce retail ad campaign effectiveness.
- **Personalized Diabetes Diagnosis**- Built a cost effective, comfortable, patient-centric application to provide personalized care and treatment solutions for diabetic patients; employed three ML Algorithms- Decision Tree, SVM and Artificial Neural Networks for building models capable of diagnosing diabetes, predicting blood sugar values, and devising personalized treatments.
- **Food Ordering Website**- Built a real-time working website for users to conveniently order food and to model the behavior of customers to predict their future activities by performing analysis on user data using Amazon Web Services.

Professional Experience

- **VP Communications & Marketing (IU Studios)**, Bloomington, Indiana – Data Analyst March 2022 - Present
 - Ingesting, joining, and harmonizing data from multiple sources for marketing campaigns.
 - Usage of Data visualization tool(tableau), ETL process, and marketing technology tools such as Datorama and Google Analytics 360 through creative solutions.
- **Larsen & Toubro Infotech**, Mumbai, India Oct 2020 - July 2021
 - Worked on various functionalities – Business Intelligence, management, data analytics, data mining, querying, and reporting.
- **Avendo Imaging Systems**, San Jose, CA - Intern Sept 2018 - Feb 2019
 - Company's mission is to deliver low-cost endoscopy remotely via tele visitation, experimented with open-source embedded Linux to stream live images wireless to an online computing platform; learnt the importance of HIPPA laws, and data encryption safeguards to protect patient privacy.
- **Lendlift Inc.**, Atlanta, GA – Intern Dec 2016 - April 2018
 - Worked with very large and complex data sets to understand the payment patterns, credit history for predicting credit the default rates; used tools such as Python to conduct ETL and visualization tools such as Tableau, Plotly and matplotlib libraries to present data in ways that can easily draw insights and reports.

Technical Proficiency

Programming Skills: Python, R, SQL, Java, PHP, HTML

Technologies: Tableau, AWS, Snowflake, Numpy, Pandas, Scikit-Learn

Digital Tools: Visual Studio, WAMP, Server, D3.js, Google Charts, Bootstrap, WordPress

OS: macOS, Ubuntu, Windows

Achievements & Extracurriculars

- Secured scholarship based on merit by State Government for my undergraduate studies.
- Participated in Smart India Hackathon to present an idea to make primary care more accessible. The Proposal includes building a physician voice assistant that is available around the clock and capable of transcribing audio data to readable text for the doctors. It would perform offline duties such as scheduling visits, communicating information on drugs, diet, and overall patient well-being under the direction of the physician.