

Manas M Bhat

(240) 871-9471 • manasmb@umd.edu • [Linkedin](#) • College Park, MD

EDUCATION

University of Maryland, Robert H. Smith School of Business

College Park, MD, USA

Master of Science in Information Systems [3.86/4.0]

December 2023

- Relevant Coursework: Data Decisions and Modelling, SQL, Big Data, Data Mining and Prediction, Data Visualization

PES Institute of Technology

Bengaluru, India

Bachelor of Engineering in Mechanical Engineering [3.7/4.0]

July 2018

SKILLS

Python, SQL, Oracle DB, R, Tableau, Power BI, Machine Learning, Natural Language Processing, Java, C, HTML, CSS, MS Word, Advanced MS Excel, MS PowerPoint, Application Development, ERP(SAP), Automation

WORK EXPERIENCE

Robert H. Smith School of Business

College Park, MD, USA

Teaching & Research Assistant

January 2023 – Present

- Conducted in-depth research, utilizing advanced web-scraping techniques, and applying HuggingFace zero-shot NLP-based classification to analyze the impact of AI initiatives by 12 US federal agencies.
- Collaborated with researchers to analyze over 5000 rows of classified data, deriving insights on AI adoption in federal agencies and created compelling Tableau visualizations for effective data-driven decisions.
- Mentored over 45 students in Flask web development, while contributing to a feasible industry project, implementing system development methodologies, and creating a functional information system prototype.

Accenture Solutions Pvt. Ltd

Bengaluru, India

Data Analyst

November 2018 – July 2022

- Designed and developed an application to summarize and assess customer spending patterns of over 12 million customers using python and oracle database.
- Collaborated with the Strategy and Audit department to develop a rich and dynamic Tableau dashboard for tracking transactional data, resulting in 28% increase in marketing efficiency.
- Examined and mined data from SQL databases for analysis and provided necessary recommendations to leadership, reducing \$3.2M in revenue leakage.
- Led a team responsible for monitoring key financial metrics, communicating reliable data-driven insights to stakeholders and ensuring the smooth launch of 18 products globally.
- Proposed and assisted in deploying a new interactive dashboard, while training and imparting knowledge to the leads of different teams. Received 'ACE award' for this achievement, awarded to top 5% of Accenture employees.

Maubank

Ebene, Mauritius

IT Applications Intern

August 2018 – September 2018

- Analyzed and Visualized data using python to identify key profitable areas for the bank by collaborating with financial and technical SMEs.
- Built machine learning model using Random Forest algorithm, having accuracy of 92% to predict possibility of loan turning into Non-Performing Asset.

PROJECT EXPERIENCE

AirBnb Perfect Rating Score Prediction

- Developed predictive model in R, leveraging Machine Learning algorithms such as Regression, Random Forest, XGBoost, Support Vector Machine and Neural Networks, to achieve 77% accuracy. **3rd Place winner.**

IPL (Cricket Tournament) Score Prediction

- Assessed and compiled 11 years' IPL-Cricket Tournament data, employing Python based Scikit-learn to develop a high-accuracy machine-learning model predicting first inning scores with 87% precision through linear regression.

The Mechanical App

- Designed a Java-based Android application with Firebase integration. Empowered Mechanical Engineering students worldwide by enabling access to notes and class tracking, benefitting over 10,000 users