Rishabh Singh

📞 +91-7388587293 ✉ asusrishabh@outlook.com in linkedin/rishabh11336/ ⚙ github/rishabh11336

Education

Indian Institute of Technology Madras	Expected May 2025
Bachelor of Science in Data Science and Applications (GPA: 7.83 / 10.0)	*Chennai, Tamil Nadu*

- **Relevant Coursework:** Data Structures and Algorithms (Python), Prob & Stat, DBMS (PostgreSQL), Linear Algebra, Machine Learning Practice (Python), SE/ST, Linux

Experience

iNeuron.ai	Mar 2024 – Apr 2024
Machine Learning Intern	

- Developing UI/API to check the credibility of url being phishing url or safe.
- By harnessing the model made using RandomForest creating a flask RestAPI
- Users just have to submit a url to get the prediction safe or phishing
- Deployed App Link https://urlphishingdetection.azurewebsites.net
- TeckStack: RandomForest, FlaskAPI, Azure, Python

Projects

Analysis Constituency election results 2014 and 2019 | *Python, Pandas, Matplotlib, Seaborn*
- Conducted an unbiased analysis of the 2014 and 2019 elections in India, exploring lesser-known themes such as voter turnout percentages. Delivered comprehensive insights by skillfully answering 11 primary questions and 3 secondary questions formulated by the manager. Demonstrated strong analytical abilities, attention to detail, and the capacity to provide well-rounded perspectives on complex topics
- *click to visit GitHub repository*

Sex and STD case Study | *Tableau*
- Conducted an in-depth case study on the increasing prevalence of sexually transmitted diseases (STDs) in the United States, leveraging data from the World Health Organization (WHO). Analyzed and visualized complex datasets using Tableau, adhering to gestalt principles to create a compelling 7-point narrative. Showcased strong data analysis, visualization, and storytelling skills by publishing the comprehensive story on Tableau Public
- *Tableau Public Link*

Phishing Domain Detection Project | *Python, Flask, Jinja2, Azure, Bootstrap, scikit-learn*
- Developed a robust UI/API solution to evaluate the credibility of URLs and detect potential phishing threats. Leveraged machine learning techniques, specifically the Random Forest algorithm, to build an accurate predictive model. Implemented the model as a Flask-based RESTful API, enabling users to seamlessly submit URLs and receive instantaneous predictions on whether the URL is safe or a phishing attempt. Demonstrated proficiency in web development, machine learning, and cybersecurity best practices.
- *Project GitHub Link*

Technical Skills

Languages: Python, JavaScript
Technologies: Pandas, scikit-learn, Tableau, Google Sheet, PostgreSQL, Git, PyTorch, Django, Flask, Bootstrap, RestAPI, Vue.js
Concepts: Artificial Intelligence, Machine Learning, Neural Networks, API, DBMS, Linux, Cloud Computing

EXTRA-CURRICULARS & CERTIFICATION

Azure Certification: Completed various Azure Certification *AZ-900, PL-900, AI-900, DP-900, SC-90*
LeetCode: https://leetcode.com/u/21f1002538/
HackeRank: https://www.hackerrank.com/profile/rishabh11336
Medium Publication: https://medium.com/@asusrishabh
Achievement *Rank 3 on Codechef Competition organized by IIT Madras among 800 students*
DonationEvent(2015): Helped around 100+ people with food, clothes, Shoes & Money. All money was generated with the help of scrap collected from other fellow students.
Other Certification *Google IT Automation with Python — Data Visualization with Tableau — Machine Learning Specialization — Computer Networks And Internet Protocol — Social Networks*