Pujeethaa Jakka

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SUMMARY

4+ years in Data sciences & Data Analytics   Strong Analytical and Problem-solving skills
Good at Visualizing data using Tableau   Self-motivated team player
Good at querying large databases   Have Employment Authorization (**No VISA** needed)

EDUCATION

University of Illinois, Urbana-Champaign, IL   **GPA 4.0/4.0**
Master of Science, School of Information sciences, December 2019

SASTRA University, Thanjavur, India   **GPA 3.8/4.0**
Bachelor of Technology, Bioinformatics Engineering

ACADEMIC

Data Mining, Data Visualization, Data warehousing & Business intelligence, Machine Learning, Statistics, Applied Business Research, Socio-Technical Info systems, Information Modelling, Information Consulting.

PROJECTS

Analyzing cancer trends using Tableau
Analyzing and Visualizing the shoes of men and women using Python
Analysis of air pollution levels and its contributing factors using Machine Learning models
Anomaly Detection using Gaussian distributions on server data from data centers
Movie recommendation System using collaborative filtering

SKILLS

Programming   SQL, Python, R, Java
Visualization Tools/Libraries   Tableau, Power BI, Scikit-learn, ggplot, Tibco Spotfire
Tools   Weka, Microsoft Office, Jira, Business Objects
Web Technologies   HTML5, JSON, XML, CSS

EXPERIENCE

Data Visualization and Communication Intern – Bayer   May 2019 – present
➢ Work closely with Product Managers and stakeholders across business units to understand functional and non-functional requirements.
➢ Query large databases using SQL to extract and transform the data
➢ Enabling planning & logistics team early issue detection and overall enable better communication
➢ Create and combine powerful visualizations into a "one stop " dashboard to showcase the data collected from various data sources. #Spotfire #SQL #R

Strategic Operations Consultant – Illinois Business Consulting   May 2019 – present
➢ Illinois Business Consulting is the largest professionally-managed, student-run university consulting organization in the country.
➢ Learning and Development team - develop training and Knowledge management resources for the incoming fall consultants, project managers at IBC.

Course Assistant – Business Data Modelling and Predictive Analytics   June 2019 – present
➢ Help in rubric creation and grading for BADM 590.

Consultant – Business Intelligence Group [BIG]
➢ Provided Knowledge Management Service to a Student Consulting organization at UIUC.
➢ Helped them manage their intellectual assets by providing technological solutions
➢ Developed Organizational policies and structure to embed Knowledge Management Process into the organizational structure.

Graduate Assistant - University of Illinois, Urbana Champaign
➢ Tutor and Grader for the course CS 598/IS 531 – Foundations of Data curation.

Software Developer- HoardaPenny.com – Ongoing side project
➢ Location-based real-time deals web app that provides best deals by ingesting data from different sources into a scalable index & ranking deals by a simple algorithm. #heroku #elasticsearch #pwa #cloud

Data Analyst - Wipro Technologies
Client: Banking & Financial Industry
➢ Identify potential high value customers in different regions to cross sell different products
➢ Generate insights on different promotions (Measure impact and ROI) by slicing and dicing data
➢ Identify and analyze interesting trends hidden in the data

➢ Built interactive dashboards in Tableau from different sources of data for all stakeholders. #Tableau #PivotTable #SQLServer

Software Engineer in Test - Wipro Technologies

➢ Built one-stop monitoring dashboard to monitor the performance of various services like Eclipse Greet and SAO Greet, Citi planner etc and send test automation reports in an email.

➢ Automated environment health check process in QTP using **VB script**.

Central Leather Research Institute – Research Analyst – Intern

Molecular Modelling of the Interactions between the Mismatch Repair Proteins

➢ Modeling, Validation, Analysis and Interaction studies of MMR proteins failing in repairing a mismatch occurring during replication which might cause Cancer using MATLAB and MS Excel.

➢ Identified a suitable template based on sequence similarity for the 26 different organisms that were selected & modeled their structures.

➢ Visualized data in a better way to identify the interacting residues which proved to be valuable targets for drug designing.

CERTIFICATES	**Machine Learning** - Coursera, Stanford University **- License MUJ8UJ2Z2QGN** Managing **BIG DATA** with MySQL - Coursera, Duke University Data Visualization & Communication with **Tableau** - Coursera, Duke University Project Management: Solving Common Project Problems – LinkedIn Product Management: Building a Product Strategy - LinkedIn
PORTFOLIO	Visualization**:** https://public.tableau.com/profile/pujeethaa.jakka#!/
HONORS	"**Prodigy Award**" – Wipro Technologies, Chennai, India "Topper in Mathematics" – SASTRA University & Bhaktavatsalam Vidyashram High School, India "Best Paper Award"- "Application of Data Mining" – PRATYARTH 2009, SASTRA University –India. "Bronze Medal"- "International Award for young people"