Suvinava Basak

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EDUCATION

Technische Universität Braunschweig　　　　　　　　　　　**October 2023 – Ongoing**
Master of Science in Data Science　　　　　　　　　　　　　*Braunschweig, Germany*

Indian Institute of Management Indore　　　　　　　　　　**July 2016 – March 2018**
Master of Business Administration　　　　　　　　　　　　　*Indore, India*

West Bengal University of Technology　　　　　　　　　　**August 2010 – June 2014**
Bachelor of Technology in Computer Science and Engineering　　*Jalpaiguri, India*

RELEVANT COURSEWORK

● Data Structures	● Design & Analysis of Algorithms	● Database Management System	● Operation Research
● Data Visualizations	● Big Data Analytics	● Predictive Modelling using SAS	● Pattern Recognition
● Network Biology	● Machine Learning with Neural Network	● Continuous Optimization	● Computational Geometry

PROFESSIONAL EXPERIENCE

Wipro Ltd.　　　　　　　　　　　　　　　　　　　　　**April 2018 – October 2023**
Strategy Consultant　　　　　　　　　　　　　　　　　　　*Bangalore, India*

- Identified new innovation opportunities through industry research, competition study, analysts briefing in emerging technologies like Artificial Intelligence, Machine Learning etc. and drove them to implementation.
- Scouted and identified relevant partners, aligned with identified focus areas involving Data Science, AI / ML etc.
- Led the startup alliance incubation activity: facilitating a successful alliance from the point of initial interest shown to creating a proof of concept for a data driven product and joint Go-To-Market strategy.
- Owned and liaised with concerned teams to plan, envision solution strategy, RFX response writing and pricing for Engineering services for Automotive customers, predominantly focusing on Autonomous Vehicle.
- Briefly managed a team for planning and implementation of in-house custom-built autonomous vehicle, Wipod.

Ericsson Global India Services Pvt. Ltd.　　　　　　　　　**March 2015 – June 2016**
Solution Integrator　　　　　　　　　　　　　　　　　　　*Kolkata, India*

- Configured a billing system for a leading US-based mobile carrier and end-to-end system integration.
- Analyzed previous usage data to come up with several billing plans.

PROJECTS

Face Recognition System using MATLAB　　　　　　　*(Principal Component Analysis, MATLAB)*
Created a face recognition system in MATLAB, using the Principal Component Analysis (PCA) algorithm. We have used PCA as a feature extraction algorithm in the project to extract feature vectors of each image in the training set. Thus, the task of the face recognizer is to find the most similar feature vector among the training set to the feature vector of a given test image (input).

Consumer Behavior Study of an Indian Green Tea Brand　　　　　*(Discriminant Analysis, SPSS)*
Studied consumer perception for 'Tetley', a leading green tea brands in Indian market through conducting primary market research and then performing Discriminant Analysis on the survey responses to suggest appropriate promotional direction for the product in future.

ADDITIONAL ONLINE COURSES *(Coursera)*

- **Machine Learning Specialization** (offered by DeepLearning.AI and Stanford University)
  – covers *Supervised and Unsupervised ML Algorithms*

- **Mathematics for Machine Learning and Data Science Specialization** (offered by DeepLearning.AI)
  – covers *Linear Algebra, Calculus, and Probability & Statistics*

ACCOMPLISHMENTS

- Received award for "Customer Centricity" in Wipro for Q1 FY2023
- Received Excellence Award in Wipro for Q3 - Q4 FY2019
- Received Spot Award in Ericsson for Q3 FY16

TECHNICAL SKILLS

Languages: Python, Java, SQL　　　　　　　　　**Data Visualization Tools**: Power BI, Tableau, QlikView

INTERESTS

Photography, Adventure sports, Cooking, Reading novels