SHUBHRO JYOTI DEY

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EDUCATION

Course/Examination	Institution/University	Year of Passing	Performance
BBA (Financial Investment Analysis)	Shaheed Sukhdev College of Business Studies (University of Delhi)	Pursuing	8.68 CGPA (Till 2nd Semester)
AISSCE (Science)	Don Bosco School (Guwahati)	2021	95% [475/500]
AISSE	South Point School (Guwahati)	2019	93% [465/500]
Applied Finance using Python	Datacamp	2022	Completed
Advanced SQL	Kaggle	2022	Completed

TECHNICAL SKILLS: **Python** (Libraries: Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, Tensorflow, Streamlit), **Machine Learning/ Data Science**, **Databases** (MySQL, MongoDB), **Spreadsheets** (MS Excel, Google Sheets), **Data Visualization** (Power BI)

EXPERIENCE

- **Finance Intern – Poshn (Agri Fin-Tech Startup)** **[Nov 2022 – Present]**
    - **Structure, analyze and maintain** data from **800+** active buyers and vendors to **identify outliers, data inaccuracies** and **establish patterns and trends** in users
    - **Collaborate** with Software Engineering Team to **develop and implement** a full-fledged **custom AI model** to **automate the extraction of key-value pairs** from transaction invoices which will **reduce errors** and **processing time by 75%**
    - **Improve** the **Technology module** of the **Product documentation** which is expected to **cut down** Account Manager **onboarding and coaching time** by **50%**, upon completion

- **Consulting and Analytics Club (IIT Guwahati), Infinite Analytics – Summer Analytics 2022** **[6 weeks, May – July 2022]**
    - Learnt about the intricacies of **Python language, Machine Learning Algorithms and Deep Learning**
    - Applied **clustering techniques** to a **segmentation problem** as a part of the final Capstone Project by Infinite Analytics
    - Participated in **Machine Learning hackathons** to acquire competency in **working with real-world data**

PROJECTS

- **Credit Card Fraud Detection: Machine Learning Project** (*Github*)
    - Developed a Random Forest Classification model that can differentiate fraudulent credit card transactions from genuine ones using a dataset containing about 8.5 million data points with 30 anonymized variables

- **IPL Cricket Match Winner Predictor: Machine Learning Project** (*Github*)
    - Deployed an interactive engine to calculate the winning probability of the chasing team in an IPL Cricket match based on user inputs like batting and bowling team, target and current score and overs, utilizing past 12 years of data

- **Risk and Returns: Applied Finance Project** (*Github*)
    - Compiled, analyzed and compared the investability of Meta and Amazon stocks based on their Sharpe and Sortino ratios, calculated using their historical stock prices against the benchmark S&P 500 Index

- **Crime Economics: Statistics Research Project** (*Research Paper*)
    - Analyzed the significance of various socio-economic factors like Gini Coefficient, Weapons per Person, Happiness Index, Per Capita Income on the Crime Rate of 115 countries using statistical tools like Regression and Correlation

- **Impact of Privatization of Public Sector Banks: Economics Research Project** (*Research Paper*)
    - Examined the causes, growth and economic implications of privatization of Public-Sector Banks in India
    - Performed a thorough case study on the profitability and stability of IDBI Bank, before and after privatization

AWARDS AND ACHIEVEMENTS

Personal Awards & Achievements

- **HackerRank** Certified in **SQL** **[2022]**
- **3rd Position** – Product Management Quiz **– GoWin** **[2021]**
- **State Winner (Assam) –** All India Current Affairs and GK Quiz – Indian Institute of Company Secretaries (ICSI) **[2020]**

POSITIONS OF RESPONSIBILITY

- **Core Committee Member (The Darkroom – Visual Arts Society)** **[January 2022 – Present]**
    - Document the various events in the college, help manage a team of 40+ members, arrange photowalks and conduct seminars/webinars
    - Participate in inter-college Visual Arts competitions and organize Cynosure, the annual flagship Visual Arts event of SSCBS, which attracts footfall of hundreds of visual artists from across Delhi University

INTERESTS AND ACTIVITIES

- Actively take part in various Case and Data Analytics competitions
- Nurture a keen interest in Photography and other forms of Visual Arts
- Regularly publish a weekly newsletter which conglomerates useful websites, tools and products available on the internet