# **Abdullah Al Mahmud Khosru**

in Mahmud Khosru

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MKhosru

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### Profile

Passionate about data analytics, machine learning, and AI also dedicated to mastering Python, SQL, Statistical Modeling, and Deep learning. Responsible, motivated, quick-learning individual proficient in enhancement, implementation, testing, and debugging.

### Education

04/2024 - present

### M.Sc. in Artificial Intelligence

Erlangen, Germany

FAU Erlangen-Nürnberg

Pattern Recognition | Deep Learning | Data Engineering | Business

Intelligence | Computer Vision | Cognitive Neuroscience |

01/2016 - 01/2020 Dhaka, Bangladesh

### **B.Sc. in Computer Science and Engineering**

International University of Business Agriculture and Technology

CGPA achieved 1.94 (German Grading Scale).

Data Structure & Algorithom | SQL | Java | OOP | Software Engineering |

Calculus | Numerical mathematics | Linear Algebra |

## **Work Experience**

04/2020 - 06/2023 South Carolina, USA

### **Data Analyst (Remote)**

Turnkey Audience ☐

Task:

- Data preparation & analysis
- Data Scrapping & Data mining
- Data visualizations (Power-Bi)
- · Email campaign
- Real-time Audience Tracking

## Skills

### **Programming Languages**

Python, SQL, R, Javascript, VBA

### **Data Analytics**

Pandas, NumPy, Matplotlib, Plotly, Seaborn, Qlik Sense, RapidMiner, MS Excel, PowerBi

### **Machine Learning and Al**

Sklearn, PyCaret, NLTK, PyTorch, TensorFlow, Keras, OpenCV, Hugging Face

### **Databases**

SQL Database (MySQL), Microsoft Access



The Rise of Big data Clustering on Cloud Computing: More Flexible or Not ☑

## Projects

### Market Basket Analysis using Apriori algorithm 🛮

Leveraged the Apriori algorithm and Python for Market Basket Analysis, unveiling product associations and customer purchasing patterns. Resulting insights empowered targeted marketing and sales strategy enhancements.

### Cat vs. Dog Image Classification System 🛮

Crafted an accurate image classification system using Python and TensorFlow to discern cat from dog images. Employed advanced CNN techniques, optimizing for exceptional accuracy. Showcased expertise in deep learning and TensorFlow for practical image classification challenges.

### Interactive Sales Dashboard Development with PowerBI

Developed an interactive sales analysis dashboard using Power BI, facilitating exploration of sales data by product categories, budgets, forecasts, and periods. The dashboard empowers strategic decision-making through actionable insights.

### Online Bus ticket Management system 🛭

Developed a web application for Online Bus Ticket Management System, integrating HTML, CSS, JavaScript, php, and SQL Database (MySQL) for seamless booking, management, and tracking. Achieved user-friendly interface and secure payment gateways for enhanced user experience and transactional safety.

<b>♦</b> Languages		
English	Bangla	German
B2(Full Professional Proficiency)	Native language	A2(Elementary Proficiency)