

ISLAM GAMAL

AI and Data Science | Data Analyst | Data Scientist

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Summary

Motivated student of Artificial Intelligence and Data Science, currently pursuing dual academic paths at Beni-Suef National University (BSNU), Egypt and IU International University of Applied Sciences, Germany. I'm passionate about leveraging data to solve real-world problems and have hands-on experience in machine learning, predictive analytics, and exploratory data analysis. Strong foundation in statistics, probability, and data processing, complemented by excellent soft skills in communication, teamwork, leadership, and problem solving.

Experience

My-Communication

n8n automation - training 2025 08/2025 - 11/2025

- Built 10+ automation workflows using n8n (APIs, webhooks, integrations)
- Automated data transfer and notifications, saving 10+ hours/week
- Gained hands-on experience integrating multiple platforms (CRM, email, databases)

CIB Egypt

Summer training 2025 08/2025 - 08/2025

- Analyzed 20+ financial cases related to banking and fintech operations.
- Enhanced digital banking efficiency by 10% by streamlining financial workflows.

HP

HP Tech Ventures Remote Extern 09/2024 - 09/2024

- Achieved an increase in investment returns by evaluating financial viability for target companies with team collaborations.
- Reviewed 20 companies, conducting comprehensive analysis in the banking and financial technology sectors.

NeuronetiX

Data Analysis Intern 08/2024 - 09/2024

- Developed proficiency in Excel, Power BI, and SQL through hands-on projects at NeuronetiX.
- Boosted data analysis capabilities by collaborating on 5 major project components.

CIB Egypt

Summer training 2024 08/2024 - 08/2024

- Enhanced industry knowledge by collaborating with {5} experts, resulting in {XX%} improvement in project innovation.
- Developed skills in blockchain technology, financial transactions, and industry trends.

Climate Change AI

AI Summer School 2024 06/2024 - 08/2024

- Implemented practical examples in artificial intelligence and data science at AI Summer School 2024.
- Increased AI-driven insights by collaborating with Climate Change AI to enhance climate strategies.

Skills

Programming & Cloud: Python • R • SQL • Java • Google BigQuery • Google Cloud AutoML • Vertex AI • ML APIs • Google Cloud Platform (GCP)

AI & Machine Learning:
Machine Learning • Automated Machine Learning • AutoML • MLOps • Responsible AI • AI for Climate Change • Predictive Modeling

Data Analytics Skills:
Data Analysis • Data Cleaning • Data Visualization • Business Requirements • Probability • Exploratory Data Analysis • Data Processing • Excel • power bi • tableau

Automation:
Workflow Automation • AI Automation • API Integration • n8n Workflow Development • REST APIs • Webhooks • Process Optimization • No-Code • Low-Code Development • AI Agents • System Integration

Soft Skills: Communication • Teamwork • Problem Solving • Critical Thinking • Leadership • Research Skills • Time Management

Education

IU International University of Applied Sciences
Bachelor's degree, Data science

03/2025 - 03/2028

Beni Suef National University
Bachelor's degree, Artificial intelligence and data science

10/2023 - 07/2027

Projects

Image Classification Using Deep Learning and TensorFlow

<https://github.com/IslamGamalig/Image-Classification-Using-Deep-Learning-and-Tensorflow>

- Increased classification accuracy by 88% by optimizing the TensorFlow and Keras image classification workflow.
- The model is trained on a custom dataset and goes through the full cycle of data preprocessing, augmentation, model building, training, evaluation, and prediction.

Predicting the Weather Using Machine Learning

<https://github.com/IslamGamalig/Predicting-The-Weather-Using-Machine-Learning>

- Heightened weather prediction accuracy by 92% through implementing advanced machine learning techniques.
- Improved forecast accuracy by 89% by analyzing historical weather data to model future patterns.

Web-Scraping-Financial-Data-using-Nasdaq-Data-Link-API

<https://github.com/IslamGamalig/Web-Scraping-Financial-Data-using-Nasdaq-Data-Link-API>

- Boosted financial data analysis capabilities by 88% by demonstrating Nasdaq Data Link API usage for historical data collection.
- Pulled time-series data, cleaned it, filtered for a specific date range, and prepared it for further analysis.

Certifications

Professional Machine Learning Engineer Certification — [Google](#)

Machine Learning — [DeepLearning.AI](#)

IBM Data Science — [IBM](#)

IBM Data Analyst — [IBM](#)

IBM Data Analytics with Excel and R — [IBM](#)

Skills for Success — [Fullbridge](#)

Languages

Arabic Native

English Fluent

German Beginner

Volunteering

Microsoft

Microsoft Student Ambassadors

04/2025 - Present

I build a tech community at my university. I organize workshops on Azure, GitHub, and AI, developing leadership, public speaking, and teamwork skills. Not only that, but I'm dedicated to empowering peers with digital skills and supporting global tech education.

Extern

Extern Global Ambassador

03/2026 - Present

Promoted global career opportunities and programs to students
Built and engaged a student community through events and outreach

n8n

n8n ambassador

04/2026 - Present

I worked on community education, workflow automation tutorials, and promoting no-code/AI automation solutions using n8n. I also contributed by helping users learn automation workflows and sharing practical use cases.