

Ziad Wael Abdl Hamed

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Professional Summary

I am a recent graduate from Cairo University's Faculty of Computer and Artificial Intelligence with a major in AI. My expertise spans machine learning, deep learning, and data analysis, supported by extensive hands-on experience in real-world applications. Through roles as a deep learning intern at NARSS, automation engineer at Shobbk, and data science intern at Giza Systems, I have gained diverse industry insights, including custom automation for restaurant menus and environmental monitoring with deep learning. Additionally, I teach AI as a part-time instructor at ISchool. Skilled in Python, TensorFlow, PyTorch, and no-code tools like Zapier, I am driven to harness technology to solve complex challenges and make a meaningful impact.

Education

Bachelor's degree Artificial Intelligence and Computer Science , Major AI

Cairo University, May 2024

GPA: 3.11 Very Good

Experience

Data Science Intern

Giza Systems, Sept 2024 – Present (hybrid)

- Engaged in advanced data analysis and modeling projects, focusing on predictive analytics and data visualization to drive strategic insights.
- Collaborated with cross-functional teams to apply machine learning solutions in industry-specific contexts.

Automation Engineer Part Time

Shobbak , Apr 2024 – Present (Remote)

- Developed GENIE, a customized automation tool designed for the restaurant industry to convert unstructured menu data (images, web links, documents, PDFs, Excel files) into structured formats.
- Leveraged no-code platforms such as Zapier to streamline data processing and improve operational efficiency for restaurant clients.

AI Instructor Part Time

ISchool, in collaboration with MCIT, Nov 2023 – June 2024 (Remote)

- Spearheading the DEMI project, a Four-month initiative designed to introduce primary school students to coding and AI.
- Crafting a tailored curriculum that addresses the unique educational needs of young learners in the realm of technology.
- Leading dynamic and interactive coding sessions aimed at both educating and engaging students in the fundamentals of AI.
- Administering assessments and providing feedback to ensure a comprehensive and captivating learning experience.
- Staying current with industry trends to enrich the curriculum and foster an environment conducive to innovation.
- Working in close partnership with MCIT to align educational strategies with the overarching goals of the primary school program.

Deep Learning Engineer intern

National Authority for Remote Sensing and Space Sciences (NARSS) Jul 2023 - Sep 2023

- Worked on advanced Lidar satellite technology to enhance air quality prediction models.
- Applied deep learning techniques to analyze and interpret spatial data for environmental monitoring.

- Collaborated with a multidisciplinary team to contribute to sustainable space science solutions.

Automation Engineer intern

First Gulf Solutions, Digital Transformation Solutions, Aug 2022 - Oct 2022

- Implemented automation solutions for business processes using Python
- Analyzed data and generated reports using SQL and Excel
- Communicated with clients and stakeholders to understand their needs and expectations

Machine Learning

Orange Digital Center Egypt ,Aug 2022 - Sept 2022

- Participated in the workshop on machine learning and deep learning
- Learned how to use TensorFlow, Keras, PyTorch, and other frameworks for building models
- Completed several projects on image classification, natural language processing, and computer vision

Mobile Application Developer

Orange Digital Center Egypt ,May 2022 - June 2022

- Developed a mobile application using Flutter for a Flutter Hackathon
- Integrated Google Maps API and Firebase services into the app
- Presented the app to a panel of judges and received positive feedback

Mobile App Developer Intern

The Sparks Foundation , Feb 2022 - Mar 2022

- Developed a mobile application using Flutter for a social welfare organization
- Implemented features such as payment gateway, user authentication, and QR code scanner
- Submitted the app to the organization and received a certificate of achievement

Banking intern

Banque Maser ,Jun 2021 - Aug 2021

- Completed a summer internship at a leading bank in Egypt
- Learned about banking operations, services, and regulations
- Assisted customers with their inquiries and transactions

Awards

Certifications Data Scientist Career Track - 365 Data Science November 2022.

- Completed a comprehensive online course covering the core topics of data science, such as statistics, probability, Python, SQL, machine learning, and deep learning
- Passed nine exams with an average score of 95%
- Learned how to use Jupyter and Git for data analysis and version control
- Applied data science techniques to real-world datasets and scenarios, such as predicting house prices, analyzing customer behavior

Volunteer

Technical Member

180 Daraga , Dec 2020 - Aug 2022

- Developed mobile applications using Flutter for the club's events and activities
- Managed the app's database and user interface
- Coordinated with other technical members and club leaders

Mobile Application Developer

SCCI-CU ,Feb 2021 - Dec 2021

- Developed mobile applications using Native Android for a student club at Cairo University
- Worked on projects such as an online bookstore and a quiz app ...
- Mentored junior developers and taught them Flutter basics

Fundraising (FR)

IEEE , Dec 2021 - Jan 2022

- Participated in a fundraising campaign for a student branch of IEEE
- Collected donations from sponsors and supporters
- Helped organize events and activities for the branch members

Skills

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|----------------|-----------|---------|------------|
| • C++ | • Python | • Dart | • MATLAB |
| • SQL | • GitHub | • Excel | • Power BI |
| • TensorFlow 2 | • Postman | • Java | • Keras |

Language

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| • English Intermediate (B2) | • Arabic Proficient (C2) |
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