Noureldin Ashraf

(+20)102–0131789

noursereg21202@gmail.com

Address: Fifth settlement, New Cairo, Egypt

Bachelor's Degree in Media Engineering Technology, Major in **Computer Science (2020-2025)** German University in Cairo (GUC)
German International University in Berlin semester abroad, Winter 2023

International General Certificate of Secondary Education, (IGCSE)
Egyptian British International School (EBIS), Egypt, Class of
June 2020 Score: 96%

CAREER RELATED EXPERIENCES

- **Intern, Information Technology, Talaat Mostafa Group,** *July 2025*
  o Assisted in troubleshooting and maintaining enterprise hardware/software systems, improving team efficiency by reducing downtime for internal users.
  o Supported network configuration tasks and security audits, contributing to a more stable and secure internal infrastructure.
  o Gained hands-on experience with helpdesk ticketing systems and user support, improving response time and user satisfaction.

- **Intern, Information Technology, NewPlan developments,** *July 2024*
  o Worked alongside IT staff to monitor system performance and backups, ensuring data reliability and business continuity.
  o Supported the onboarding process for new employees by setting up accounts, devices, and software, helping streamline IT operations.
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- **Intern, Data Analysis & FMCG, Majid Al Futtaim Group,** *July - September 2023*
  o Assisted in collecting and analyzing sales data from FMCG product lines, helping the team identify trends and optimize stock levels.
  o Developed Excel dashboards and reports to visualize performance KPIs, improving decision-making and cross-departmental communication.
  o Gained insight into retail and supply chain analytics in a high-paced, real-world business environment, building a strong foundation for data-driven thinking.

IGCSE Physics Teaching Assistant, *September 2019 - June 2020*
- Relaying course material to more than 60 high school students
- Responsible of exam grading

EXTRACURRICULAR ACTIVITIES

- **Member of the Executive Committee**, Youth Capital Trust, *October 2022 -present*
- Organizing conferences related to capital development projects
- **Event Management Executive,** UCI Track Cycling Nations Cup 2023 in Egypt, March 2023
  o Manage event timelines, schedules, and resources
  o Assist in the readiness of all international participants
- **Event Operations Specialist**, Egypt Gaming Tournament, April 2023
  o Implemented planning and coordination to ensure seamless execution of the event
  o Contracted the hosting sponsor - Game Valley

EDUCATIONAL PROJECTS

- Graduation Project: Integration of YOLO with SNePS for Visual Reasoning
    - Technologies: Python, Google Colab, YOLOv8, Java, JavaSnepsAPI, Eclipse, FOPL
    - Integrated YOLOv8 (object detection) with SNePS (logical reasoning) to detect objects in images and explain them using First-Order Predicate Logic (FOPL).
    - Used Python and Google Colab for detection; generated logic statements passed into JavaSnepsAPI via Java in Eclipse.
    - Built an automated pipeline: running a picture in Colab directly triggers logic reasoning in Java without manual input.
    - Project combined computer vision with symbolic AI, enabling explainable visual understanding.
- Java:
    - Real-time computer game (Marvel) implemented with GUI
    - Simulation of an operating system
    - Counter sensor system implemented in lecture halls
- SQL: Building a football game system for managing teams
- HTML: Developing the front-end of an online banking system
- Node.js: Developing a travelling website
- Haskell: Implemented Minsweeper game
- Prolog: Implemented Pro wordle game
- Springboot: Implemented a robust and scalable e-commerce platform
- Cloud Solutions: Stopping Revenue Leaks with Natural Language processing

COURSES

- Data Structures and Algorithms
- Object Oriented Programming
- Solid principles & Design patterns
- Node.js,Express,MongoDB
- Fundamentals of Agile Project Management, PMI
- Fundamentals of Waterfall Project Management, PMI

COMPUTER AND LINGUISTIC ABILITIES

- Programming languages/concepts: Python, Java, Javascript, C, SQL, VHDL, Haskell, Prolog, OOP, Data Structures, Design Patterns, APIs & Networking
- Tools: Cisco packet tracer, Visual studio code, Eclipse IDE, IntelliJ IDEA
- Microsoft office package
- Languages:
    - Arabic: Mother-tongue
    - English: Fluent
    - German: Basic