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Giza, Egypt

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Abdullah Mohamed

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SUMMARY

A Motivated and detail-oriented Computer Science student at Nile University with a strong foundation in software engineering principles gained through academic study and internships, self-directed learning, and active participation in hackathons and technical events. Experienced in applying theoretical knowledge to practical challenges, developing efficient solutions, and contributing to collaborative projects. Eager to expand expertise, embrace emerging technologies, and continuously grow as a software engineer while delivering impactful results in both academic and professional environments.

EDUCATION

Bachelor of Computer Science, Nile University
[2026]

Expected Graduation:

CGPA: 3.5

Relevant Coursework: Machine Learning, Databases, Software Development, Data Analysis, Mathematics, Project Management

Student Activities:

- **Technical Member**, IEEE NU Student Branch
/2023

Sep/2022 _ May

Organized workshops on AI and Software contributed to engineering projects.

SKILLS

Programming & Web Technologies:

HTML, CSS, JavaScript, Bootstrap, C#, SQL, Python

Frameworks & Tools:

GitHub, Git, Pytorch, ASP.core, .Net

Soft Skills:

Team Collaboration, Self-Learning, Project Management, Critical Thinking, Adaptability, Research, Agile

Languages:

Arabic (Native), English (Proficient), German (Beginner)

TECHNICAL EXPERIENCE

Trainee — Summer Code Camp 2025, Information Technology Institute (ITI), (120 Hour)
Remote

Aug 2025 – Present

- Learning intensive training in Web Development with .NET, including SQL Server, C#, Entity Framework, and ASP.NET MVC.
- Strengthened practical skills in backend and database development through hands-on exercises and real-world project applications.

Intern — National Academy for Information Technology for Persons with Disabilities (NAID)
New Administrative Capital, Egypt

Jul 2025 – Sep 2025

- Gained hands-on experience in accessibility solutions, contributing to projects that promote inclusion in technology.
 - Co-developed Smart Bridge, an assistive technology prototype for deaf-blind individuals, featuring real-time sign recognition, OCR, Braille display output, and accessible UI.

Freelancing Program Trainee — ITIDA GIGs, powered by EYouth
Remote

Jan 2025 – May 2025

- Completed a 3-month professional training in freelancing covering profile setup, proposal writing, portfolio building, financial management, and client communication
- Secured first freelance project through the program, applying acquired skills to launch career in the digital economy.

Introduction To AI Summer Training
Zewail City, Egypt

Jul 2022 – Oct 2022

- Completed a structured internship focused on foundational concepts of Artificial Intelligence, including machine learning and practical applications. Applied computer vision for object detection and segmentation in steel factory environments.
- Gained hands-on experience through guided projects and collaborative tasks, building a solid base for further specialization in AI.

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PROJECTS

Novi (Frontend for Clothing Website)

github.com/AbdullahSaber/NoviFrontend

Technologies: HTML, CSS, JavaScript, React

Frontend Developer for **Novi**, a clothing trading startup project, where I built a responsive web platform enabling users to purchase ready-made pieces and integrated backend models to generate new clothing designs.

Disapled_Friendly Educational platform :

github.com/Educationalsystem-for-disabled

Technologies: HTML, CSS, JavaScript, Python, Django

Developed an inclusive educational system using assistive technologies to support disabled users. Focused on creating an accessible platform with a multimodal approach, utilizing tools like screen readers, voice recognition, and alternative input methods to improve user autonomy and engagement.

STEM AI Tutor Platform (Stemmy)

notion.so/STEMMY-1d3997a9756f8092892cfe7ea2da7728

AI/Machine Learning: YOLOv8, PyTorch, Hugging Face, Speech to Text, Gan

Web Languages/Frameworks: HTML, CSS, JavaScript, React, FastAPI

Built an AI tutor platform called **STEMMY** to simplify STEM subjects for students. The system uses **AI and machine learning** to provide explanations, while leveraging a **YOLOv8** model for **facial recognition** to analyze user emotions. It employs a humorous approach by generating **memes and images** to make complex concepts more accessible. The platform's frontend is built with **React**, with a **FastAPI** backend handling the API connections for seamless, end-to-end functionality.

Achievements

- Awarded a **Partial Scholarship** from Nile University's ITCS School, maintained continuously from 2022 to 2025.
- 2nd Place (Linear algebra course level) – UGRF Forum (19th Edition). Feb 2024

Designed and implemented a secure and efficient image encryption tool that uses linear algebra, which earned you recognition for your innovative approach and problem-solving skills.
- Participated in UGRF 20th version (STEM AI Tutor Platform (Stemmy)) project. Aug2025