Ahmed Helali

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🪪 Egyptian

STRENGTHS

Leadership · Adaptability · Empathy · Critical Thinking · Innovative · Curiosity

ADVANCED

🐍 Python · Ⓦ Wordpress · </> LaTeX

INTERMEDIATE

Java · Matlab · MS Office · Tableau · R · HTML · CSS · SQL · Git

BASICS

🐧 Linux · </> C# / C++ · Js JavaScript · php PHP

LANGUAGES

Arabic — Native
English — C1
German — A2

HOBBIES

Reading · Anime · Programming · Walking

Math & Tech Enthusiast

Journeying down a path less traveled, uncovering the beautiful intricacies of Mathematics, Computer Science, and Tech—while gaining insights along the road through teaching and learning.

EXPERIENCE

Data Operational Analyst
CCM
📅 12/2023 - 06/2024
📍 Chemnitz, Germany

» Automated data processes and analyzed data to inform business decisions using Python, VBA, and Excel (functions, pivot tables, visualizations).
» 🐍 Python · Ⓧ Excel · </> VBA

Teaching Assistant
HS Mittweida
📅 10/2022 - 02/2024
📍 Mittweida, Germany

» Weekly sessions guiding independent problem-solving for university students
» Real Analysis · √x Complex Analysis · x_1 Linear Algebra

Database Administrator
Army Service
📅 06/2019 – 06/2020
📍 Cairo, Egypt

» Managed and optimized databases for seamless data operations.
» </> C# · SQL · 🌐 .NET · Ⓧ Excel

WordPress Developer Freelancer
Notion Pharma
📅 03/2018 - 03/2019
📍 Cairo, Egypt

» Developed E-learning websites, designed pages, created apps, managed course administration, and analyzed user data for improvements.
» Ⓦ Wordpress · php PHP · HTML · CSS · Ⓧ Excel · SQL

Research Assistant
Fraunhofer IGD
📅 05/2017 – 11/2017
📍 Rostock, Germany

» Contributed to the development of a re-configurable Worker-Robot Collaboration system with integrated gesture recognition and sensor technology.
» 🐍 Python · JAVA · 🤖 ROS

Full Stack Developer
Qpix
📅 05/2016 – 08/2016
📍 Cairo, Egypt

» Developed E-Commerce websites, specializing in search feature design for 5+ sites.
» php PHP · Js JavaScript · HTML · CSS

EDUCATION

M.Sc. Mathematics
Technical University of Munich
📅 10/2024 – Ongoing
📍 Munich, Germany

B.Sc. Applied Mathematics
Hochschule Mittweida
📅 10/2020 – 06/2024
📍 Mittweida, Germany

B.Sc. Computer Science and Engineering
German University in Cairo
📅 09/2011 – 02/2018
📍 Cairo, Egypt