Hamed Tarek Hamed

Teaching Assistant

hamedhamed555ht@gmail.com 01148373882 Moasaset Al-Zakah St., El-Marg, Cairo

Military Status: Temporarily Exempted (Family Breadwinner)

linkedin.com/in/hamed-tarek github.com/HamedTarek1

PROFESSIONAL SUMMARY

- **Ambitious Business Information Systems (BIS) graduate (Ranked 6th/Class of 2026)** pursuing an academic career as a **Teaching Assistant**. Possesses strong foundations in software development, data analytics, and workflow automation, paired with demonstrated success in delivering review sessions and practical study guides.
- **Teaching interests span:** *Programming Fundamentals (Python & Java), Database Design & SQL, Web Technologies, Data Analysis & BI, and Core BIS Concepts*. Committed to facilitating student success, assisting faculty teams, and enhancing lab curricula.

EDUCATION

Bachelor of Commerce in Business Information Systems (BIS), 2026
Mci Academy cairo
- **Cumulative GPA:** 3.79 / 4.00 (Excellent)
- **Rank:** 6th (tied) out of the entire class

ACADEMIC & TEACHING EXPERIENCE

- **Peer Tutor & Academic Presenter** | *Mci Academy*
- **Assisted 30+ Students & Peers:** Mentored **30+ junior students and classmates** in core programming concepts (Python, Java, SQL) and web development, leading to a noticeable improvement in their practical assignment scores.
- **Lecture Task Presentations:** Selected by professors to deliver **5+ live lecture presentations**, demonstrating complex code logic and lab solutions to cohorts of **50+ students**.
- **Study Materials & Revisions:** Authored and distributed **4+ comprehensive practical study guides**, helping students revise effectively for final practical exams.

PROJECTS

Intelligent Data Analysis Automation System , 2026
Graduation Project — MCI Academy | Grade: Excellent (A+)
- **AI-Driven BI Pipeline:** Architected an event-driven automation system for sales data ingestion and strategic insights generation.
- **Dual-Track n8n Engine:** Developed a synchronous Fast Track (<2s latency) for real-time KPIs and an asynchronous LLM-driven track (GPT-4o/Claude) for predictive analytics.
- **Full-Stack & Security:** Built a responsive Bootstrap 5/JavaScript UI (Chart.js) backed by Flask, Bcrypt authentication, and SQLite.

AWARDS

2nd Place - Data Analytics Competition, *Mci Academy* 2026
- **Awarded 2nd place as a team in the institute-wide Data Analytics Competition for presenting an effective data analysis project.**

SKILLS

TECHNICAL SKILLS
- **Programming Languages:** Python, JavaScript, Java, SQL
- **Web Development:** HTML5, CSS3, React
- **Data & Analytics:** Power BI, Jupyter
- **Automation & Databases:** n8n , Relational Databases
- **Productivity & Office:** Microsoft Office 365

PERSONAL SKILLS
- **Academic Support:** Ability to explain technical concepts and assist students.
- **Communication & Presentation:** Clear speaking and strong presentation skills.
- **Problem-Solving:** Strong and logical thinking.
- **Time Management:** Organizing tasks and meeting deadlines.