Kevin Hany Bastawrous

Cairo, Egypt

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EDUCATION

Ain Shams University   **September 2023 – Present**

*Computer Science - **CGPA** - **3.8/4***   *Cario, Egypt*

Experience

Math Teacher Assistant   **August 2023 – Present**

Cairo, Egypt

- Helped many Thanawya Amma students by breaking complex mathematical concepts into simple, easy-to-understand explanations, resulting in improved academic performance.
- Developed many soft skills by communicating with younger students while maintaining professionalism.

COURSEWORK / SKILLS

- Data Structures
- Database Management System
- Artificial Intelligence
- OOP Concepts
- .NET
- SQL
- C/C++
- Java
- Python
- GoLang
- C#
- Numpy, Pandas and sklearn

PROJECTS

Camaroo ⧉ | C/C++, CMake

- **Developed a Lexer** to extract tokens from text for the parser to parse and send to the AST.
- **Co-working** with my colleague on **the AST** for the language to start evaluating Tokens.

URL-Shortner ⧉ | Go-Lang, MySQL

- **Encrypted** the original URL entered by the user using **MD5 algorithm**.
- **Saved** the original URL with it's hash in a **MySQL** table for easy and fast access.

AniWatchList ⧉ | Python, REST API, Discord RPC

- **Integrated discord rich presence** using their library.
- **Managed HTTP requests** to Anilist using their API and **requests library** from **python** to retrieve anime data .

EXTRACURRICULAR

MSP (Microsoft Students Portal)   **October 2024 – Present**

Cyber-Security committee member   *Cairo, Egypt*

- **Gaining and Sharing knowledge** about complex cybersecurity concepts from simple SQL injections to XSS vulnerabilities and etc.

OSC (Open Source Community)   **May 2025 – Present**

Back-End committee member   *Cairo, Egypt*

- **Experienced building maintainable real-world APIs** and sharing knowledge about backend concepts with fellow interested colleagues.

CERTIFICATIONS

- Intermediate SQL - Hacker Rank
- Intermediate Python for Developers - Datacamp
- ICPC kickoff 2026 - ICPC
- Building APIs in Python - Datacamp
- Intermediate SQL - Datacamp