

Mahmoud Elfeel

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Objective

Motivated Networking Engineering student (5th semester) with hands-on experience in data analysis, computer vision, web, and app development. Passionate about applying technical knowledge to real-world problems. Recipient of multiple academic scholarships for outstanding performance.

Experience

IAV GmbH — Working Student

📍 Berlin, Germany | 📅 Oct 2024 – Present

- Conducted data analysis for automotive applications using Yolo
- Built computer vision pipelines for image-based insights
- Developed web applications using Next.js
- Created iOS applications using Swift

Projects

Personal Portfolio Website (2025)

- Designed and developed a responsive website to showcase technical skills, projects, and experience
- Built using modern web technologies, emphasizing clean design and usability
- Highlights proficiency in front-end development and personal branding

Network Communication System (2024)

- Built a robust client-server architecture using Python, Socket Programming, and TCP/IP
- Improved reliability and data transfer across multiple clients

AI Board Game with GUI (2024)

- Designed and implemented a strategy board game with AI (MinMax) logic and GUI using JavaFX
- Enhanced UX through smooth interface and competitive AI behavior

Education

German International University, Berlin

B.Sc. in Networking Engineering | 📅 2023 – Present

GPA: 0.87

Relevant Coursework: Data Structures and Algorithms, Networking 101

Skills

- Programming: Java, Python, JavaScript, Swift
- Tools & Libraries: JavaFX, NumPy, GitHub, CoPilot, Next.js
- Game Development: 2D/3D games using Godot Engine
- Concepts: OOP, MinMax AI, Socket Programming, Circuit Design
- Soft Skills: Strong communication, time management, creative problem-solving, teamwork