

Amjed Khaled Ahmed



New Assiut City



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[GitHub](#)



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Education

School Name| Ahmed Dief Allah

International Applied Technology

- Third secondary (Senior)
- 7th place in AI 2023 - 2024

Udacity internship

- High internship Diploma level 4 Data sciences+AI
- 2022 - 2024

Skills

- Programing: Python (Advanced): AI-ML-DL model, Database, Data analysis & Visualization, Computer Vision & YOLO Object Detection
Java: app development | C++: Embedded system Programing Proficiency: Expert
- Microsoft Office: Word | Excel | MySQL Technical Skills: Expert
- Communication: Arabic | English Communication Proficiency: Fluent
- Additional skills: Computer | Mathematics | Multitask | Problem Solving Additional skills: Very good

Experience

Python: the language I use most in my work, through which I've completed many projects and generated significant value. Experience: 4 years

- AI models: developed and deployed various models including YOLO, chatbots, and runtime systems
- Database: extensive experience designing and optimizing MySQL schemas; known for solving data-related issues and boosting performance
- Data analysis: excel at extracting patterns and actionable insights from complex datasets to inform decision-making
- Video streaming: built real-time video pipelines on Raspberry Pi for live analytics and remote monitoring

Java (Back-end): focused on server-side architecture and APIs. Experience: 3 years

- RESTful APIs: designed, implemented and documented scalable services using Spring Boot
- Microservices: built and maintained modular services with Spring Cloud and Docker
- Database integration: optimized interactions with MySQL and PostgreSQL, including ORM (Hibernate)
- Security & performance: implemented authentication/authorization (OAuth2, JWT), caching, and multithreading for high-throughput systems
- CI/CD & testing: set up pipelines (Jenkins/GitLab CI), wrote unit/integration tests (JUnit, Mockito)

C++: a cornerstone of systems programming, used across embedded and performance-critical projects. Experience: One year

- Embedded systems: delivered firmware and control software for small vehicles, submarines, and drones
- Robotics & automation: designed and implemented aerial and underwater robotics platforms

Adobe Creative Suite: my go-to toolkit for visual design, video editing, and prototyping. Experience: 3 years

- **Photoshop:** proficient in image editing, compositing, and retouching for marketing and product visuals
- **Illustrator:** skilled in vector illustration, logo design, and iconography
- **InDesign:** experienced in layout and print design for brochures, flyers, and multi-page documents
- **Premiere Pro & After Effects:** created and edited marketing videos, motion graphics, and animations
- **XD:** familiar with wireframing, interactive prototypes, and user-flow design for web and mobile

Interests

- My health: Taking care of my health is essential. I exercise every day and pay attention to most of my food as well
- Self-development: I make it a point to learn something new every day in my life, whether it be academic knowledge, worldly knowledge, or religious knowledge