

YOUSSEF HASSANIEN AHMED

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EDUCATION

Cairo University (June 2026)

Bachelor of Biomedical & Healthcare Data Engineering (3.3 GPA)

SKILLS

- **Programming Languages:** C, C++, JavaScript, Python, TypeScript, Dart, C#
- **Web Development:** HTML, CSS, React, Node.js, Django, Flask, RESTful APIs, .NET
- **Desktop Development:** PyQt
- **Mobile Development:** Flutter, React Native
- **Database Development:** PostgreSQL, MongoDB, Redis, MySQL
- **Version Control:** Git, GitHub
- **DevOps:** Azure, AWS, Docker, Kubernetes
- **Operating Systems:** Ubuntu Linux, Windows
- **Artificial Intelligence:** TensorFlow, PyTorch, Sickit-Learn, Pandas, NumPy
- **Graphics:** OpenGL, Blender
- **Soft:** Teamwork, Time Management, Leadership, Presentation, Communication, Problem Solving, Analytical, Attention To Details

PROJECTS

- **Tele-Medicine Cross Platform** (Flutter, React Native, React, Node.js, PostgreSQL, Azure)
- **Voice Recognition Authentication System** (Random Forest Classifier, PyQt, NumPy)
- **Dental Clinic Information System** (React, Node.js, MongoDB)
- **Real-Time Medical Device IoT Simulator** (PyQt, Socket Programming, Redis)
- **Multi-Processor Scheduler** (C++ OOP & Data Structures)

INTERNSHIPS

- Backend Development Intern, **Innovay.io** (Aug 2024-Nov 2024)
- Software Engineering Intern, **Dedalus** (Aug 2024-Sept 2024)
- Diagnostic Imaging & Laboratory Systems Intern, **Siemens Healthineers** (Aug 2023-Sept 2023)
- Clinical Engineering Intern, **Ahmed Orabi Hospital for Burnings & Tumors** (Jul 2023-Aug 2023)

WORK EXPERIENCE

- Swimming trainer for kids aged between 6-12 yeas, **Al-Ahly Sporting Club** (Sep 2021- Feb 2022)

EXTRA CURRICULAR ACTIVITIES

- Secretary & Membership Development Officer, **IEEE EMBS Cairo University** (July 2023-Aug 2024)
- Incoming Global Volunteers Committee Member, **AIESEC Cairo University** (Aug 2023-Feb 2024)
- Secretary & Membership Development Officer, **IEEE Cairo University** (Sept 2022-June 2023)
- Public Relations Committee Member, **IEEE Cairo University** (Oct 2021-Aug 2022)

LANGUAGES

- English
- French