

Al-Hussein Mohamed Raafat

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in al-hussein-mohamed 🌐 Al-Hussein-Mohamed

Education

Sohag University

Bachelor of Computer Science

Sept 2021 – June 2025

- GPA: 3.74/4.0
- Degree: Excellence, Ranked 1st in College and Department

Route Academy – Flutter Diploma [🔗](#)

June – Oct 2024

Completed an intensive Flutter diploma covering fundamentals through advanced practices, strengthening my ability to design and deliver scalable cross-platform applications.

Projects

”Sakenny” Graduation Project [🔗](#) (Full Mark Awarded)

April – June 2025

Developed a cross-platform real estate app for direct apartment search, comparison, and communication without intermediaries.

- Built with Flutter (MVC + Cubit/BLoC) for scalable architecture and responsive state management.
- Implemented apartment listing, filtering, and map-based browsing with Google Maps integration.
- Developed real-time chat using SignalR, supporting smooth tenant-landlord communication.
- Integrated Firebase Authentication, Cloud Messaging (FCM), and REST APIs for secure login, notifications, and backend services.
- Designed an intuitive multi-language UI with dark/light mode, optimized for accessibility.
- Collaborated using Git/GitHub, Android Studio, Postman, and Figma.

Achievements

2X.ACPC Finalist [🔗](#)

Luxor

- Competed in the Arab Collegiate Programming Contest, solving complex algorithmic problems.

2024, 2025

2X.ECPC Finalist [🔗](#)

Alexandria

- Ranked 49th and 24th at the Egyptian Collegiate Programming Contest

2024, 2025

Expert Rated(max.1878) on CodeForces [🔗](#)

- Solved +4000 problems on different competitive programming platforms.

Skills

Languages: Dart, C++

Fundamentals: OOP, Data Structures, Algorithms, Problem-Solving

Flutter: State Management (Cubit/BLoC, Provider), Clean Architecture, Firebase Integration, Real-time Communication, REST APIs, Google Maps Integration, Multi-language Support, Theming (Dark/Light Mode), UI/UX Prototyping.

Tools: VS Code, Android Studio, Git, GitHub, Postman, Figma

Volunteering

ICPC Sohag Community

2022 – Present

Mentored students in algorithms, data structures, and problem-solving through weekly sessions and curated Codeforces contest problems.

Assiut Winter Camp [🔗](#)

Winter 2025

Delivered daily workshops on algorithmic thinking and competition strategies, mentoring students in C++.