

Ahmed Elkady

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Back End

- Junior Computer Engineering Student, graduating in 2022.
- I am passionate about algorithms and data structures, having good problem-solving skills that developed over my journey in competitive programming and coding competitions, reaching 2xECPC.
- I am more interested in volunteering and helping others.
- Team Leader for an ICPC Zagazig Community.

CORE PROFICIENCIES

- | | | |
|-------------------|--------------------|---------------|
| - C++ | - Data structure | - Django Rest |
| - Python | - Algorithm | Framework |
| - Object Oriented | - Data Base Design | - Html |
| Programming | - Django | - Css |

Projects

- **Tabibak:** Api of a medical application to predict heart disease, diabetes, and kidney disease and contains some tips to maintain your health, use user authentication, Ai for models [[code](#)]
- **Library System:** library system with Django, you can sign up on the website, edit your profile, the user can add reviews about books, the admin can add and delete books [[code](#)]
- **Book Store:** used docker and PostgreSQL in this project.
- **Database Design:** design database for supermarket[[code](#)]
- **Console Projects:**
 - C++ Projects: some projects like a library system, online_reading_book[[code](#)]
 - Python Projects: some projects like a tic_tac_toe_game, hospital system, employee system [[code](#)]

Activities

Programming Competitions

- **2x ECPC Qualifier:** Ranked 1st over Zagazig University in Egyptian Collegiate Programming Qualifications Contest 2020 & 2021.
- **2x ECPC Finalist:** Qualified for Egyptian Collegiate Programming Contest 2020 & 2021 Finals - Solved 3 Problems in ECPC 2020, and 5 Problems in ECPC 2021.
- **Problem Solving:** Solved 1000+ problems on various online judges.

ICPC Zagazig University Community

- **Team leader & Instructor:** helping students in our university community to improve their competitive programming skills.

More Links

[GoodReads](#) [Codeforces](#) [Hackerrank](#)

Languages

Arabic: Native | English: Good written and spoken