

TASBEEH ISMAIL

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EDUCATION

Damanhour University, Faculty of Computers and Information
Bachelor's degree in Computer Science

Sep 2021 - present

SKILLS

Languages/ Technologies	C/C++, Java, C#, JavaScript, SQL, HTML, CSS, Node.js, Express.js
Tools	GIT, Trello, Obsidian
Concepts	Data Structure, Algorithms, Competitive Programming, OOP, Web Development

PROJECTS

Laser War Game | *C++, OpenGL*

Dec 2023 - Jan 2024

- Developed a one-to-one competitive game, used linear algebra to perform essential in-game operations.
- Utilized OpenGL graphics for immersive visuals, streamlining game-play for quick player engagement.

Search | *HTML, CSS, Bootstrap*

Jun 2023

- Developed a user-friendly front-end interface for Google Search, Google Image Search, and Google Advanced Search functionalities using HTML, CSS.

AI Cube Solver | *Python*

April 2024 - May 2024

- Contributed to the development of an AI Cube Solver project, focused on solving Rubik's Cubes using various algorithms including BFS, A*, and MiniMax.
- Implemented a Graphical User Interface (GUI) for interactive cube solving and incorporated features such as generating random cube configurations for testing purposes.

Geometric Calculator | *Java, JavaFX*

May 2023 - Jun 2023

- Designed and implemented a JavaFX-based GUI application proficient in computing circumference, area, and volume for diverse geometric shapes.
- Demonstrated adept use of OOP concepts to ensure efficient and scalable calculation algorithms within the application.

VOLUNTEER EXPERIENCE

Instructor & Mentor

Sep 2022 - Present

ICPC Damanhour Community

- Training 100+ students from levels Newcomers and Juniors phase 1 & 2.
- Explaining many topics, popular algorithms, and techniques of competitive programming.
- Helping write problem-set for Damanhour University - ECPC 2023.

HONORS & AWARDS

- Ranked **17th** (out of 170 teams) and **3rd** (out of 17 teams from my University) in 2023 ICPC ECPC Qualifications Collegiate Programming Contest Day 1.
- Ranked **58th** (out of 190 teams) in 2022 ICPC ECPC Qualifications Collegiate Programming Contest Day 1.
- Qualified to **2nd** phase & get score **29th** in Egypt at Meta Hacker Cup 2022.
- Solved **+1300** algorithmic problems with C++/Java on different online judges.