

# Kareem Hesham

Software Engineer

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🐙 [github.com/Kareemhesham2005](https://github.com/Kareemhesham2005)    📍 Cairo, Egypt

## 🎓 EDUCATION

**Bachelor's in Software Engineering, Assiut University** September 2023 – present  
GPA: 3.72 / 4.00 | Ranked 2nd in Software Engineering Department Assiut, Egypt

## 🏆 ACHIEVEMENTS & CERTIFICATES

**Qualified for the ECPC** July 2024

Qualified for the ECPC after ranking 9th at Assiut University and 37th among Upper Egypt students in the ECPC qualifications.

**Innovators Support Fund (ISF)** September 2023

Secured a prestigious fully funded ISF scholarship, awarded to only 5 out of 100+ applicants from my university.

**Ranked 3rd in Winter Camp Phase 2** February 2025

Ranked 3rd among all Upper Egypt students in Winter Camp Phase 2 which is managed by the ICPC Assiut University Community.

**Specialist rank at codeforces** December 2024

Achieved the 'Specialist' rank on Codeforces after ranking 652nd out of over 6,000 contestants worldwide.

**Nanodegree in React Development Cross-Skilling, Udacity** July 2022

Completed a React Nanodegree at Udacity, mastering the core principles of React.js, including component-based architecture, state management using React Hooks and Context API, routing with React Router, and performance optimization techniques.

## 📁 PROJECTS

**Calculate Area** February 2025

- Java-based project following an Object-Oriented Programming (OOP) structure.
- Calculates the area and volume of geometric shapes, such as circles and cubes.

**Portfolio** August 2022

- Built using HTML, CSS, and JavaScript.
- A gallery to show projects and experience
- Features a dark mode that preserves user preferences across sessions.

**To Do List** August 2022

- Intuitive task manager enabling users to add, edit, and delete tasks effortlessly.
- Clean design and smooth functionality enhance productivity and organization.

## 🧠 SKILLS

**Programming Languages & Frameworks:** C++, Java, Python, HTML, CSS, JavaScript, React.js

**Technical Skills:** OOP, Data Structures, Algorithms, Troubleshooting

**Tools:** Git & Github, Chrome DevTools, Visual Studio Code

## VOLUNTEERING

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### **Mentor at ICPC Assiut University Community**

September 2024 – present  
Assiut, Egypt

- Mentoring students to enhance their competitive programming skills for national and international programming contests.
- Providing personalized feedback to help students tackle complex problems effectively.

### **Technical Volunteer at IOI 2024**

August 2024 –  
September 2024  
Alexandria, Egypt

- Ensured smooth participant experiences through system setup and troubleshooting.
- Enhanced troubleshooting, teamwork, and technical support skills.
- Gained insights into organizing large-scale international competitions.