

# Faris Sharara

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## Education

University of Science & Technology at Zewail City, School of Computer Science & AI

Giza, Egypt

Bachelor of Science in Computer Science · GPA: 3.43/4.00 ·

Expected: June 2026

## Technical Skills

**Programming Languages & Technologies:** Java, Python, MySQL, Git, Unix, C, C++, C#, JavaScript, React, Node.js, HTML, CSS, ASP.Net, SpringBoot, Thymeleaf

**Relevant Coursework:** Algorithms and Data Structures, Software Engineering, Programming Languages & Techniques, Computer Architecture, Discrete Mathematics, Operating Systems, Artificial Intelligence, Machine Learning, Frontend Development, Requirements Engineering, UX/UI, Object Oriented Analysis & Design.

## Employment Experience

University of Science & Technology at Zewail City

Giza

Digital Logic & Design Junior Teaching Assistant

Oct 2023 – Present

- Assisted 150–200 students each semester with project work and assignments in Digital Logic and Design.
- Organized lab equipment and provided hands-on lab practice assistance.
- Explained technical concepts to students, enhancing their understanding of course materials.

Outlier

Remote

Tier 3 AI Annotator (Specializing in Code)

Nov 2024 – Present

- Analyze code and prompts to ensure they align with the specified requirements.
- Review and apply other reviewers' requests to resolve code outliers and improve quality.
- Ensure that the code adheres to the expected standards and is free from issues.

CodSoft

Remote

Front-End Intern

Aug 2023 – Nov 2023

- Developed three projects:
  - **Portfolio:** Created a personal portfolio using CSS and HTML.
  - **Calculator:** Built a calculator application using CSS, JavaScript, and HTML.
  - **Todo List:** Designed a todo list application that stores tasks locally.

## Open Source Contributions

Two Step View Design Pattern Implementation:

- Contributed to the implementation of the Two Step View design pattern to separate data preparation and presentation phases in web applications.
- Ensured modularity, maintainability, and testability of the code.
- Provided unit tests to verify the correctness of both phases.
- [Link to Contribution](#)

30 Seconds of Java - Mode Fix:

- Contributed to the 30 Seconds of Java project by fixing an issue in the mode implementation that previously returned only one mode value.
- Updated the implementation to handle multiple modes and return all modes when applicable.
- [Link to Contribution](#)

## Projects

Tech Hub E-commerce Website:

- Collaborated with a team of three to develop an e-commerce website using Razor Pages for enhanced user experience and performance.
- Implemented features including user authentication, checkout functionalities, and integrated with a MySQL database.
- Managed version control using Git and GitHub.
- Followed SOLID principles for maintainable and testable code.

### **Chrome Bookmarking Extension:**

- Created a Chrome extension that enables users to bookmark their favorite websites.
- Utilized JavaScript, HTML, and CSS to build a user-friendly interface and functionality.
- Managed version control with GitHub and shared the extension for public use.

### **Autonomous Drone Navigation for Search and Rescue:**

- Worked with a team of four to implement various search algorithms such as A\*, BFS, DFS, UCS, IDS, Greedy Best-First Search, Q-learning, Simulated Annealing, and Genetic Algorithm for autonomous drone navigation.
- Compared the output, time taken, and space taken for each algorithm.
- Developed the project using Python.

### **Taskat - A Task Management Application:**

- Developed a To-Do list application with CRUD operations, marking tasks as done, assigning people, and setting due dates.
- Built the back-end using Spring Boot and the front-end using Thymeleaf.
- Implemented GRASP design patterns: Controller, Singleton, and Factory.

## **Extracurricular Activities**

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### **Egyptian National Fencing Team:**

- Competed nationally, winning multiple medals.
- Managed team training sessions and participated in high-level competitions.