

ERFAN MIRSHAMS

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erfan-mirshams

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EDUCATION

B.Sc. in Computer Engineering

University of Tehran

2022 – Present

- Member of the ACM Student Chapter, Computer Engineering
- Current GPA: 3.4

National Mathematics Olympiad

Young Scholars' Club

2021

- The final stage of the INMO summer camp

High School Diploma

Allameh Helli 1 School

2020 – 2022

- Studied for the Olympiad in Informatics

ACADEMIC EXPERIENCE

Teaching Assistant in Undergraduate Courses

University of Tehran College of Computer Engineering

2022 – 2026

- Discrete Mathematics (Instructed by Dr. Siamak Mohammadi)
- Advanced Programming (Instructed by Dr. Ramtin Khosravi)
- Data Structures & Algorithms (Instructed by Dr. Heshaam Faili)

WORK EXPERIENCE

Software Engineer

Divar

2024 – 2026

- Backend Software Engineer
- Infrastructure and K8s Management + ArgoCD
- Gitlab, Development Productivity and Organization's Knowledge Base
- AI enablement and R&D projects

Software Consultant / Web Master

Asiawatt Engineering Company

2022 – 2023

- IT solutions and WordPress

Teacher

Allameh Helli High School

📅 2022 – 2023

- Part-time teacher for algorithms and C++ programming regarding Olympiad in Informatics

PROJECTS

UTCPC 2023 – 2025

University of Tehran ACM Chapter

📅 2024 – 2026

- Annual Programming Contest held every year by ACM. Top teams advance to Regional Contest.
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Cross Repository Codesearch

Divar

📅 2025

- Open-sourcing internal project and knowledge sharing for improving semantic and programmatic codesearch across large organization repositories
 - Blog Link: vrgl.ir/6JFvk
-

Simple Programming Projects

UT AP Course

📅 2023

- Link: github.com/erfan-mirshams/ap

ACHIEVEMENTS



Silver Medalist

ICPC Western Asia Regional Contest (2023) - First team in the University of Tehran



Bronze Medalist

ICPC Western Asia Regional Contest (2024)



Bronze Medalist

Iran's National Mathematics Olympiad (2021)

SKILLS

Go

Kubernetes

C

C++

Linux

Relational DBs

Competitive Programming and Algorithms

INTERESTS

Game Development

Computer Graphics

Encryption

Cybersecurity

Emacs

High-Frequency Trading