Shervin Ghaffari

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EDUCATION

Amirkabir University of Technology (Tehran Polytechnic) — Tehran, Iran
B.Sc. in Computer Science; GPA: 18.39/20 — Sep 2020 – Aug 2024 (expected)

SKILLS

Languages: SQL, Python, Java, HTML, CSS, JavaScript
Tools: PyCharm, IntelliJ IDEA, GitHub, Microsoft Office, Google Colab, LaTeX, MySQL, Git, Tkinter

RELEVANT COURSEWORK

Artificial Inteligence & Workshop (Grade: 20/20), Data Structures & Algorithms (Grade: 18/20), Advanced Programming & Workshop (Grade: 18.63/20), Design & Analysis of Algorithms (Grade: 17/20), Principles of Operating Systems (Grade: 19.5/20), Foundation of Combinatorics (Grade: 19/20), Principle of Computer Systems (Grade: 18.5/20), Principles of Database Design (Grade: 20/20), Computer Networks (Grade: 18.5/20), Compiler (Grade: 20/20), Theory of Computation (Grade: 20/20)

CERTIFICATIONS

Natural Language Processing with Classification and Vector Spaces, Coursera (View Certificate)
Generative AI with Vertex AI: Getting Started, Coursera (View Certificate)
Generative AI Fundamentals, Google (View Certificate)

ATTENDED WORKSHOPS

1st Int. Conf. on Artificial Intelligence and Smart Vehicle, Amirkabir University of Technology, May 2023

PROJECTS

Generative AI in E-Commerce: Use-Cases and Implementations, 2023, (Published in the 20th CSI International Symposium on Artificial Intelligence and Signal Processing, AISP 2024, IEEE) (View Paper)

Campus Food Voucher Exchange Bot, 2022
- Created a Telegram bot that allows student to sell their spare food vouchers to other students on campus
- Bot implementation included: 1) an in-app interface for seller to input their spare food voucher details; 2) a database to save these details; and 3) an in-app interface for buyer to search and purchase available vouchers

TEACHING ASSISTANT EXPERIENCE

Design and Analysis of Algorithms — Feb 2024 – Jun 2024
Amirkabir University of Technology — *Tehran, Iran*
- Assisted Dr. Dolati in designing and grading assignments.

FIELDS OF INTEREST

- Software Engineering
- Cloud Computing
- Networking and Distributed Systems
- Artificial Intelligence

REFERENCES

Mehdi Ghatee, Professor
Departement of Mathematics and Computer Science
Amirkabir University of Technology
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Farhad Fakhar, Associate Professor
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