

Ashkan Shakiba

Software Engineer · Computer Eng. Student

✉ AshkanShakiba11@gmail.com | ☎ (+98) 9039103980 | 📍 Tehran, Iran
in AshkanShakiba | 🔗 AshkanShakiba | 📺 live:.cid.ab6ac0e95ae8e6eb

Technical Skills

Programming Languages: Go, Python, Java, JavaScript, TypeScript
Blockchain Technologies: Solidity, Smart Contracts, Web3, Brownie, Remix IDE
Database Management: SQL, MySQL, PostgreSQL, Elasticsearch, Redis
Backend Development: Django, Django REST framework, Node.js
DevOps and Infra. : Git, Docker, Apache Kafka, GitLab CI/CD
Operating Systems: Linux, macOS, Windows
Software Engineering: Agile and Scrum, Design Patterns, Testing
Programming Expertise: Data Structures and Algorithms, Object-oriented Programming, Microservices
Also familiar with: Kubernetes, RabbitMQ, Selenium, Flask, Kotlin, C

Work Experience

Software Engineer

WALLEX

at Blockchain Team

Website: <https://wallex.ir>

- **Technologies:** Go, TypeScript, Docker, Apache Kafka, RabbitMQ, MySQL, Redis
- **Owner of Rebalancer service**, which is responsible for managing wallets' balance
- Develop services to generate and manage crypto accounts and addresses
- Develop services to create, sign, and broadcast transactions to blockchains
- Develop services to detect deposits on the chain and create a related event

Tehran, Iran · Hybrid

Jul 2023 – Current

Backend Intern

OOREDOO OMAN

Website: <https://www.ooredoo.om>

- **Technologies:** Java, PostgreSQL

Muscat, Oman · On-site

Jul 2024 – Aug 2024

Software Developer

TABDEAL CRYPTOCURRENCY EXCHANGE

at Blockchain Team

Website: <https://tabdeal.org>

- **Technologies:** Python, Django, Django REST framework, MySQL, PostgreSQL, etc.
- Develop services to manage and transfer cryptocurrencies, such as wallets and node handlers

Tehran, Iran · Hybrid

Sep 2022 – Jan 2023

Backend Developer

GRADIENT DATA PROCESSING (TECHNICAL TEAM OF MOBIN SARMAVE)

- **Technologies:** Python, CherryPy, Elasticsearch, Kibana, Pandas, NumPy, Matplotlib, PIL, Selenium, etc.
- Develop services to explore and receive data, process it, and store it in an efficient way
- Implement multiple backend services for a financial explorer and its club

Tehran, Iran · Hybrid

Feb 2022 – Aug 2022

Frontend Trainee

CODESTAR BOOTCAMP (AT MOHAYMEN ICT)

- **Technologies:** Angular, TypeScript, Scss

Tehran, Iran · Remote

Jul 2021 – Sep 2021

Software Developer

FREELANCER

- **Technologies:** C, Java, JavaScript, Angular
- Develop multiple projects such as [Pexeso](#), [Simple Search Engine](#), etc.

Remote

Sep 2020 – Feb 2022

Education

Bachelor's degree in Computer Engineering

AMIRKABIR UNIVERSITY OF TECHNOLOGY (TEHRAN POLYTECHNIC)

Tehran, Iran

Sep 2020 – Current

GPA: 18.71 (out of 20)

Important Grades (out of 20):

- Fund. of Programming: 20 | Advanced Programming: 20 | Data Structures and Algorithms: 19.3 | Logic Circuits: 19.2 | Computer Architecture: 18.8 | Linear Algebra: 18 | Principles of Artificial Intelligence: 18.75 | Software Engineering: 20 | Mobile Programming: 20 | Database Design: 19 | Microprocessor and Assembly: 20 | Operating Systems: 20 | Software Engineering II: 19.37 | Computer Networks: 18.5 | Web Programming: 20 | Cloud Computing: 20

High School Diploma in Mathematics and Physics

NATIONAL ORGANIZATION FOR DEVELOPMENT OF EXCEPTIONAL TALENTS (SAMPAD)

Bojnord, Iran

Sep 2017 – Sep 2020

GPA: 19.35 (out of 20)

Teaching Assistant Experience

Feb 2024	Operating Systems , Head of Teaching Assistant Team under the supervision of Dr. Ziaeetabar	AUT
Feb 2024	Operating Systems , Teaching Assistant under the supervision of Dr. Javadi	AUT
Feb 2024	Database Design , Teaching Assistant under the supervision of Dr. Shahriari	AUT
Sep 2023	Advanced Programming , Head of Teaching Assistant Team under the supervision of Dr. Ziaeetabar	AUT
Sep 2023	Operating Systems , Teaching Assistant under the supervision of Dr. Javadi	AUT
Sep 2023	Mobile Programming , Teaching Assistant under the supervision of Dr. Shiral Shahreza	AUT
Sep 2023	Microprocessor and Assembly , Teaching Assistant under the supervision of Dr. Farbeh	AUT
Sep 2023	Principles of Artificial Intelligence , Teaching Assistant under the supervision of Dr. Javanmardi	AUT
Feb 2023	Software Engineering , Teaching Assistant under the supervision of Dr. Alirezaei	AUT, UT
Feb 2022	Fundamentals of Programming , Teaching Assistant under the supervision of Mr. Alvani	AUT
Feb 2022	Advanced Programming , Teaching Assistant under the supervision of Dr. Zeinali and Dr. Kalbasi	AUT
Jul 2021	Advanced Programming , Workshop Documentation Author under the supervision of Mr. Hoseini	AUT
Sep 2021	Fundamentals of Programming , Teaching Assistant under the supervision of Dr. Zeinali	AUT

Volunteering

Author and Mentor of Blockchain Workshop

RASTA

Tehran, Iran

Jul 2023 – Sep 2023

I am responsible for preparing content and mentoring the **Blockchain Workshop** at **Rasta** Summer School. This workshop aims to introduce students to the fundamentals of blockchain concepts and spark their interest in blockchain technology and its applications.

Mentor of Algorithmic Creativity and Python Programming Course

SHARIF UNIVERSITY OF TECHNOLOGY

Tehran, Iran

Jul 2023 – Sep 2023

I'm part of the mentorship team of the **Algorithmic Creativity and Python Programming** course. This course, supervised by **Dr. Sharifi Zarchi**, is offered free of charge to high school students and focuses on teaching the fundamentals of programming with Python and developing algorithmic thinking skills.

Official Member

STUDENTS' SCIENTIFIC CHAPTER (SSC)

Tehran, Iran

Aug 2021 – Mar 2023

Members of the Students' Scientific Chapter (SSC) at Amirkabir University of Technology's Computer Engineering Department are elected annually by the students. I was honored to be selected as an official member and currently serve as the head of the competition commission. The SSC organizes a wide range of events, including **LinuxFest (Linux and Open Source Festival)**, **Amirkabir College Programming Contest** (aka ACPC), **Amirkabir Artificial Intelligence Summer Summit** (aka AAIS), the **Data Mining Challenge**, and **GameCraft**. Additionally, we offer talks, courses, and programs that bridge the gap between students and industry professionals.

Languages

Native	Persian , Mother tongue
Advanced	English , Listening C1, Reading C1, Writing C1, Speaking C1