SAEE
SAADAT

CONTACT INFO

E-mail	s.saadat@sharif.edu
Phone Nr	+98 900 12 60060
Github	github.com/SaeeSaadat
LinkedIn	linkedin.com/in/SaeeSaadat

ABOUT ME

I'm a self-proclaimed tech fanatic with a particular interest in software engineering, IoT, human-computer interaction and cybersecurity.

I've spent my life learning about tech and I've devoted the last four years to honing my skills as a software engineer, working in prestigious software companies, and participating in research projects in NLP and IoT. This journey has led me to found AYOT, my IoT platform startup.

With my skills, experience, thirst for knowledge, and positive attitude, I'm confident I can make a meaningful impact on any project or team I join. I'm seeking brilliant mentors to help me grow and guide me on my journey.

SKILLS

● ● ●	Python, Swift, Git, PostgreSQL, Bash Automation
● ● ●	Problem solving, Brain storming and generating ideas
● ● ○	Leadership, Fast learning, Good communication
● ● ○	Software system design, Golang, Arduino
● ○ ● ○ ● ○ ● ○ ● ○	Attention to details, pizzazz and having a flair for the theatrical

Languages
- Persian (native)
- English (Fluent)

EDUCATION

Computer engineering, Bachelor of science   2018-2023
Sharif University of technology | *Tehran, Iran*

- GPA: 3.58

NODET, Helli High school   2016-2019
National Organization for Development of Exceptional Talents | *Tehran, Iran*

- GPA: 4.0

ACADEMIC EXPERIENCE

RESEARCH ASSISTANT   2023-Present
Natural language processing Lab | *Sharif University of Technology*
(with Dr. Ehsanedin Asgari)

- Working on the Persian language
- Working on Fanoos, a messenger with NLP bots capable of understanding the text and assisting the user
- Researching POS taggers and normalizers using label-studio, Hazm and Dadma

TEACHER ASSISTANT   2019-Present
Various courses | *Sharif university of technology*

- Database design (Head TA) - Dr. Varmazyar
- Database design - Dr. Baharifard
- Computer simulations - Dr. Safaei
- Computer networks - Dr. Arshadi

ENTREPRENEURSHIP IN TECH   2020-2022
Beginning of AYOT | *Sharif Innovation park*

- Learning entrepreneurship and starting a business in tech
- researching and exlporing IoT, Smart homes, PaaS and the startup ecosystem

WORK EXPERIENCE

FOUNDER AND SOFTWARE ENGINEER   2021-Present
AYOT - IoT Platform For Smart Homes | *Sharif innovation area, Tehran*

- Following my passion for both entrepreneurship and IoT
- With the help of two of our brilliant professors and four of my peers
- Building an MVP from the ground up; Micro service server, MQTT broker, iOS application and a smart fan controlled by an ESP8266 chip
- Negotiating with esteemed home appliances manufacturers and coming up with new ideas in every related field
- Dealing with managing resources, Investments, security challenges and more.
- Working with: Python(FastAPI), EMQX(MQTT), PostgreSQL, Swift(iOS), PostgreSQL, Redis, Docker, REST-API, Keycloak, SQLAlchemy, SSL and Cloud deployment

SOFTWARE ENGINEER   2022-2023
Digikala::Jet | *Tehran, Iran*

- Working on the number one E-commerce and Q-commerce websites in the country
- Working on (and refactoring) a critical legacy code while starting the redesign process
- In the legacy code, I worked on a monolithic system with PHP, MySQL, Docker, Redis, Elasticsearch, Memcached, Kafka, Gitlab, and Jenkins
- In the redesign process, I was part of a system design process for a large system with a large existing client base and turning a monolithic architecture with over 200,000 lines of code into a nice, readable micro-service one; Also worked with Golang, PostgreSQL, Redis, Tyk, k8s, RabbitMQ and Elasticsearch

SOFTWARE ENGINEER   2021-2022

Ostadkar.ir | Tehran, Iran

- Working with brilliant mentors on my first software engineerign job as a backend developer.
- Working with python, Flask, PostgreSQL, Cassandra, Redis, SQLAlchemy, Keycloak, gitlab CI/CD, FTP, SSH tunnels, Bash, Docker swarm, Nginx

IOS DEVELOPER   2020-2021

Farazpardazan - Hamrah Novin Mobile Banking | Tehran, Iran

- First period of ce department's co-op initiative.
- Entering with absolutely zero experience and knowledge about swift, iOS app developing or anything about software development!
- Learning Swift, REST-API, RXSwift, TCP/IP, OAuth, Fastlane, CoreData, Alamofire and mobile banking
- Learning about software engineering, Scrum, Jira, Confluence and professional etiquettes

FIELDS OF INTEREST

I am passionate about technology and its potential to make a positive impact on the world. I am confident in my ability to quickly learn and adapt to any field within tech, in order to contribute to its development, research, or implementation. While I am interested in all areas of technology, my current favorite topics include:

● ● ●   IoT and Smart Homes

● ● ●   Software Engineering

● ● ○   Human-Computer Interaction

● ● ○   Cyber Security

● ● ○   Natural Language Processing

● ○ ○   Augmented Reality