

Ali Noroozbeigy

Software Engineer

Bagh-e-Feyz, Tehran

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About Me

I am a master student in Computer Engineering with a focus on Computer Systems' Architecture at Amirkabir University of Technology (Tehran Polytechnic). With strong programming expertise, I am passionate about designing scalable computer systems that are not limited to software. I look forward to applying my skills and knowledge to tackle real-world challenges in this dynamic field.

SKILLS

Soft Skills

Time Management, Self Motivation, Organization, Perseverance, Attention to Details, Technical Documentation Writing

Back-End

Java (Spring), Python (Django), Go, RESTFUL APIs, Microservices, Elasticsearch, RabbitMQ, Hadoop, Spark, OOP, DDD, TDD

Data

PostgreSQL, MongoDB, MySQL, Redis, Data Structure and Algorithms, Design Patterns, Machine Learning and Deep Learning Libraries

DevOps

Docker, Kubernetes, Git, Unix/Linux

Experiences

[Hooshmand Sazan Bita](#) - *Real-Time License Plate Recognition System - Part Time*

Tir 1402 - On Going

Developed a Persian License Plate Recognition (LPR) system for access control using YOLOv7, Flask, MongoDB, and Docker. I also designed new APIs to integrate the LPR with existing software, which is now used by various governmental and private entities. Additionally, I have experience proposing solutions for the design and implementation of new microservices to meet emerging requirements and challenges.

Tosan - *ID Card Detection System - Project*

Tir 1402 - Aban 1402

As my bachelor project, I worked on an ID card detection system, where I was responsible for collecting and labeling ID card data, as well as training the detection model. I successfully deployed the model for use in web browsers through edge computing, utilizing JavaScript to ensure efficient processing and accessibility.

Amirkabir University of Technology - *University Projects*

1399 - 1403

- In my Github account, you can find many projects related to my university courses, such as:
- Movie and music Finder, Cloud Computing projects, employing Flask, Docker, Kubernetes, PostgreSQL, RabbitMQ, Object Storage
- Persian Search Engine, Done as Final Project of Information Retrieval course
- P2P File Sharing, Done as final Project of Computer Networks course
- LadyorGentleman, Messenger, Done as midterm and final projects of Web Programming course

EDUCATION

AmirKabir University of Technology, Tehran - *M.Sc. Computer systems Architecture*

1403- Ongoing

Admitted Without Entrance Exam as a Talented Student. My research is centered on the Internet of Things (IoT), with a focus on advancing integration of smart devices.

AmirKabir University of Technology, Tehran - *B.Sc. Computer Engineering*

1399 - 1403

GPA: 18.39

Important Grades: Advanced Programming: 19.25 - Data Structure: 18.8 - Cloud Computing: 20 - Principles and Applications of AI: 19 - Operating Systems: 19.85 - Database: 17.5 - Computer Network: 17.25 - Software Engineering 2: 18.7 - Web Programming: 18

Allameh Helli High School, Hamedan - *Mathematics and Physics*

1393 - 1399

GPA: 19.5

AWARDS

- Talented Student - Amirkabir University of Technology
- Ranked 78 in region 2 and 254 nationally in University Entrance Exam (Konkour) - Year 1399