# 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 but also encompass hardware, artificial intelligence, and networking. This multidisciplinary approach allows me to tackle challenges creatively and effectively.

## SKILLS

### Soft Skills

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

### Back-End

Java (Spring), Python (Django), Go, RESTFUL APIs, Microservices, Elasticsearch, RabbitMQ, 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

## Projects

**Ava Semiconductor** - *Design and Implementation of IoT Device Management Platform*
Tir 1403 - Ongoing

Working As a software engineer

- Responsible for design and Implementation of IoT Device Management Platform
- Employing Software Engineering Best Practices for designing architecture of the system

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

Tir 1402 - Esfand 1402

> Referred By Professor [Mehdi Sedighi](#), To be Done as my internship project, and also work as part time software engineer:

- Responsible to develop Real-Time License Plate Recognition System, using YOLO Deep Learning Model
- I got familiar with collecting data, training models, and using the trained model to recognize plates in real time using Python
- Integrate plate recognition APIs to existing Software in Spring

**Tosan** - *ID Card Detection System*

Tir 1402 - Aban 1402

> Referred By Dr. [Ahmad Nickabadi](#), to be done as my Bachelor Project.

- Working on ID card detection system, responsible for collecting ID card Data, Labeling Them, and training model.
- Deploying the model on Browser (Edge Computing), using JS

## 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) and IoT platforms, with a focus on advancing connectivity and 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 - Principles and Applications of AI: 19 - Operating Systems: 19.85 - DataBase: 17.5 - Computer Network: 17.25 - Computational Intelligence: 19.5

**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