

Elahe Dastan

COMPUTER ENGINEER · BACKEND DEVELOPER

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Summary

I am a computer engineer student and passionate Software Engineer. I love to write programs and solving challenges. I have a passion for learning new things and trying to find out how things work. I have earned high scores in my professional courses like Advanced Programming, Introduction to Programming, Data Structures, etc. I am a fast learner in programming languages and learned C# and its frameworks by defining project for myself.

Education

Amirkabir University of Technology

No. 350, Hafez Ave, Valiasr Square,
Tehran, Iran 1591634311

B.S. IN COMPUTER ENGINEERING

2017 — current

- Introduction to Programming — Dr.Nazerfazrd — Fall 2017 — 18.25 of 20
- Advanced Programming — Eng.Ahmadpanah — Spring 2018 — 19 of 20
- Algorithm Design — Dr.Borbor — Fall 2019 — 16.5 of 20
- Principles and Applications of Artificial Intelligence — Eng.Mousavi — Fall 2019 — 19.74 of 20
- Operating Systems — Dr.Zarandi — Fall 2019 — 18.1 of 20
- Information Retrieval — Dr.Nikabadi — Fall 2020
- Principles of Computational Intelligence — Dr. Ebadzadeh — Spring 2020
- Data Mining — Dr.Mazlaghani — Fall 2020

Work Experience

Dotin

No. 33, East Nahid, Nelson Mandela
(Africa) Blvd., Tehran, Iran

INTERN

Jul 2019 - Sep 2019

- Worked with Java Technologies like Hibernate

Alibaba Acedemy

No. 1, Golha, 4th Bimeh, Ekbatan,
Tehran, Iran

INTERN

Dec 2019 - Feb 2020

- Introduced to C#
- Built a Booking and URL Shortener application with C#
- Built a URL Shortener application with Golang
- Familiar with Test-Driven Development and Behavioural Testing

Snapp!

No. 1, Saeedi, Valiasr, Tehran, Iran

BACKEND DEVELOPER

Aguest 2020 - now

- Design and Write Software with Go
- Deploy Applications on Kubernetes
- Document APIs with OpenAPI

Teaching Experience

Introduction to Programming

Amirkabir University of Technology

TEACHING ASSISTANT

Spring 2020

Under Supervision of Eng.Alvani.

Projects

URLShortener (<https://github.com/elahe-dastan/urlShortener>)

PERSONAL

- Makes URL shorter and more memorable. It supports expiration time and custom short URLs
- It uses predefined short URLs and manages them using transactions
- It uses Viper for loading configuration
- It based on Postgres and uses Gorm as ORM
- It uses Echo as HTTP Framework
- Its project use Git-Flow for managing features

Dotin (<https://github.com/elahe-dastan/dotin>)

PERSONAL

- It uses MySQL and JPA for Database Access
- It dependencies is managed by Maven

HTTP Monitoring (<https://github.com/HTTP-monitoring>)

PERSONAL

- Has micro-services design
- Each service has an specific role with minimum requirements
- It uses NATS for job dispatching

Hands on ML (<https://github.com/elahe-dastan/hands-on-ML>)

PERSONAL

- Having hands on experience with Machine Learning Algorithms
- Working with well-known data sets to learn algorithms deeply and evaluate them
- Based on Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow, 2nd Edition

Skills

Programming	Go, Python3, C, Java, C#
Databases	MySQL, PostgreSQL
Operating Systems	Windows, Ubuntu
Tools	Git, Docker, Kubernetes
Languages	English(Fluent), Persian(Native)

References

Prof. Maryam Amir Mazlaghani

ASSISTANT PROFESSOR

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