

Arya Khaligh

B.SC. STUDENT OF COMPUTER ENGINEERING

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Summary

I am a diligent **back-end** developer who meets the deadlines with **high quality**. When I do a job, I try so hard to be the best in that field. **Outstanding performance** in my university, my efforts in sNeeds and my rank in Iran National University Entrance Exam proves this claim.

Work Experience

sNeeds Co.

Tehran, Iran

CHIEF TECHNOLOGY OFFICER (CTO)

June 2018 - PRESENT

- Managed and led company technical team consisting of one back-end developer, two front-end developers, and one software tester which led to the development of 2 different websites for the company at a short time which perfectly met the deadlines.
- Designed and developed **RESTful API** server using **Django** and Django Rest Framework to meet the new needs of the company and replace the old Wordpress website in less than two months.
- Worked closely with the R&D team to discover market needs and meet the needs that ultimately led to the company's significant progress.
- Responsible for defining, developing, and evolving software in a fast-paced and **agile development** environment using the latest software development methods and infrastructure.
- Trained, managed, and provided guidance to a back-end internship for a month, which finally led to his recruitment in the company as a back-end developer.
- Developed the company's website in Wordpress, which was used for a year, and added new features to the website as the company grew up and had new needs.

ACHIEVEMENTS

- The company's rapid development in one year and reaching **top 10,000** Iranian and world's top 300,000 based on Alexa ranking.
- Accepted as a startup with high growth potential in Samsung AUT Tech accelerator and worked in its shared workspace and received mentorships from accelerator mentors, 2019
- We got fund and investment from an investor after one year.

Freelancer

June 2018 - May. 2019

- Developed 4 Wordpress websites and 2 **web scrapers** and crawlers for task automation (Using python, **Selenium** and, Beautiful Soup).
- Worked as a developer and specified the timelines of the project in a team of 3 people and directly interacted with customers.

DotCode

Tehran, Iran

FOUNDER

July 2017 - Mar. 2018

- Founded first online yoyo shop that eventually had more than 150 successful sales.
- Developed website, Imported goods, Prepared and Shipped orders, Managed social pages, directly Supported and Interacted with customers.

ACHIEVEMENTS

- High growth with the initial budget of 0 and reaching 100 customers and 150 successful sales in less than nine months in a situation that there was no yoyo in Iran before and almost no one knew about it.

Education

Bachelor of Science, Computer Engineering

Tehran, Iran

AMIRKABIR UNIVERSITY OF TECHNOLOGY (TEHRAN POLYTECHNIC)

Sept. 2016 - PRESENT

- GPA: **19.49/20 (4.00/4.00)** · 88 credits

AWARDS & SCHOLARSHIPS

- Announced as the Outstanding Student and Achieved **2nd** place among all 2016-entries and **3rd** place among all undergraduate students in Computer Engineering Dept., 2018
- Eligible to choose a second major due to outstanding performance, 2018
- Got a **full fund** Scholarship which is given outstanding students in National University Entrance Exam, 2016

Skills

Programming	Python, JAVA, C/C++, Shell Scripting
Web Development	Django, Django Rest Framework, RESTful API design, HTML5, CSS, JSON
Operating system	Debian, Ubuntu, Manjaro, XV6, Windows
Database	MySQL, Database design, PostgreSQL(familiar with management)
Other	Git, WordPress, Selenium, XML, XQuery, WireShark, VHDL, Verilog, LaTeX

Honors & Awards

- Achieved top **0.9%** place among all applicants of the Nationwide University Entrance Exam for B.Sc. in Mathematics and Engineering (Approximately 162,000 applicants), 2016
- Member of National Organization for Development of Exceptional Talents (NODET) for seven consequential years, 2009-2016

Activities

National Concrete Championship

Tehran, Iran

WEBSITE DEVELOPER

2019 - 1 month

- Developed National Concrete Championship website that used to inform events and registration for 2019 and next years competitions.

MESCA

Tehran, Iran

STAFF

2019 - 1 month

- Implemented competition software and Cooperated in holding MESCA competition in Amirkabir Mining department. Using software and computers instead of hardware led to a significant increase in the overall quality of the competition.

Presentation

sNeeds startup Pitch Deck

Amirkabir University of Technology

STARTUP DEVELOPMENT CLASS

2019

- I was the director of the group of six people, and for three months, we evaluated the idea of the sNeeds startup, and eventually, we had an 8-minute presentation against the investors in the classroom. According to investors, we had the **best score** among all the ten participated teams. This idea is currently using in sNeeds startup.

Shell Scripting tutorial

Amirkabir University of Technology

OPERATING SYSTEM LAB

2019

- A 3-hour interractional tutorial about **Shell Scripting** in OS lab. The material was completely practical and was used at the operating system course in cloning and making XV6 from Github.

Why OpenSource is important

Amirkabir University of Technology

SOFTWARE ENGINEERING CLASS

2019

- An 8-Minute oral classroom presentation in software engineering class about the history of **Open Source** Software and its importance as a software development method.

Notable University Projects

Computer Networks P2P anonyms Chat with broadcasting messages

Advanced Programming 2D tank game · Internet Download Manager

Operating Systems Implemented system calls and work policy in XV6 operating system

Database Design Bank database with consistent and automatic transactions and automatic log generator

Languages

English Professional working proficiency

Persian Bilingual proficiency

Azerbaijani Native proficiency

Arabic Familiar