

# CURRICULUM VITAE

## PERSONAL INFORMATION

### *Hanie Poursina*

Date of Birth: May 12, 1998  
Place of Birth: Isfahan, Iran  
Nationality: Iranian  
Gender: Female  
Marital Status: Single

## CONTACT INFORMATION

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## WORK EXPERIENCES

- **2021: Co-founder at Startup Picsearch (Image Search Engine)**  
Picsearch is **first image search engine** developed in Iran. In this product you upload or take a picture of a product, then it returns similar photos of that picture.
- **2020-2021: Co-founder at Startup PIXIE (Smart Door Locks) / DigiNext AI Summer Camp, Tehran, Iran**  
PIXIE is a **smart door lock** that opens door using **face recognition, fingerprints** and **RFID** tags, also can be controlled remotely using a **smartphone app**. My part was leading the team to the product the customer needed. In technical side, I was responsible for **hardware** and also programs that needed to deploy on hardware by new technology named ioFog using **Kubernetes cluster**.
- **Summer 2019: Internship at Information and Communication Technology Research Institute, Tehran, Iran**  
In this summer I spent getting familiar with **image processing** and implement a **face detection** program using **java**.

## EDUCATION

- **2016-2020:** B.Sc. of Computer Engineering, Faculty of Computer, **Isfahan University**, Isfahan, Iran  
B.Sc. Project: Implement and Test **ioFog platform** on **IoT Devices**  
ioFog is an **edge computing** platform for **deploying, running,** and **networking** distributed **microservices** at the edge. IoFog can build new concept of **EdgeOps**. EdgeOps and related services are deployed in a **containerized** environment based on the **Kubernetes (K3s)** technology stack.

## ACADEMIC AND RESEARCH EXPERIENCES

- Implement **Kubernetes** cluster and work with **Docker** on Raspberry pi (2021)
- Research in **Edge Computing** to reduce data transfer delays (2021)
- Deploying and Hosting a **Machine Learning** Model with **FastAPI** (2021)
- Practicing **AI-based** projects daily
- Implement a website for managing orders in online shops with **Django** and HTML, CSS (2020)
- Implement a forecasting system based on **machine learning** (2018)
- Implement a two-player game with **VHDL** on **FPGA** (2017)

## HONORS, AWARDS AND MEMBERSHIPS

- Win the second place in the application battle **startup** competition at the University of Isfahan (2020)
- Win the third place in the national competition on FPGA platform (2017)
- Member of Scientific Association of **Computer Engineering**, Department of Computer Engineering (2017)

## SCIENTIFIC ACTIVITIES

- Participate in the Startup Weekend Competition
- Member of the Executive Team of the Third International Conference on Internet of Things
- Participate in Tedx event at University of Isfahan
- Holding Raspberry Pi and ARM Stm32 workshops

## RESEARCH INTERESTS

- Startups and products
- Business Management
- Strategic Planning
- Design Thinking
- Machine Learning
- Network Security

## SKILLS

- |                                  |                                    |
|----------------------------------|------------------------------------|
| • <b>Programming:</b>            | Python, Java, VHDL                 |
| • <b>Tools and Technologies:</b> | Docker, Kubernetes, Linux, Android |
| • <b>Frameworks:</b>             | FastApi, Django                    |
| • <b>Networking:</b>             | Cisco Networks, TCI/IP, DNS        |
| • <b>Hardware:</b>               | Raspberry Pi, Arm STM, Arduino     |
| • <b>Interpersonal Skills:</b>   | Team Management                    |
| • <b>Design:</b>                 | Adobe XD, Adobe Photoshop          |

## LANGUAGES

- Persian (Native)
- English (Fluent)

## RECREATIONAL ACTIVITIES

### Art:

- Playing Dulcimer

### Sports:

- Swimming
- Volleyball

### Activity:

- Reading non-fiction Books
- Study English

## VOLENTEER WORK

- Collaborate in sales for charity
- Member of Iranian Association of Organ Donation
- Member of Red Crescent Youth Organization
- Manage a business page on Instagram

## REFERENCES

### Dr. Ali Bohlooli

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