

ALI ZAHEDI

Tehran, Iran +989134715750 Alixahedi@gmail.com

Embedded system developer

I am looking to learn and make new products. I am interested in programming different microcontrollers and designing new PCB. I also enjoy sharing my knowledge with others.



WORK EXPERIENCE

Research and Development Expert

11/2021 to 12/2022

Smart Apex

Kashan, Isfahan, Iran

Working on In Application Programming (IAP) for old products, making a new product for smart home light control called DALI Controller, making a new product to control TVs and air conditioners.

Robotic Teacher

06/2021 to 03/2022

Fira academy

Tehran, Iran

Teaching robotics and programming microcontrollers

Content Writer

06/2018 to Present

DigiSpark.ir

Tehran, Iran

Production of educational content in the field of electronics and robotics:

<https://digispark.ir/author/alixahedi>

Embedded System Developer

01/2016 to Present

self employment

Tehran, Iran

STM32, AVR, Arduino, ESP32 & ESP8266 MicroControllers



SKILLS

STM32 - -----

PCB Design - -----

Arduino - -----

AVR Microcontroller - -----

C/C++

Python

Raspberry pi

RTOS

MATLAB

Git

Content author



EDUCATION

Islamic Azad University Science and Research Branch

Master's

Digital Electronic System

Tehran, Iran

10/2021 to Present

Shamsipour Technical College

Bachelor's

Electronic Engineering

Tehran, Iran

10/2018 to 07/2020

Shahid Rajaei Technical and Engineering

Associate

Electrical / Electronic Engineering

Kashan, Isfahan, Iran

10/2016 to 07/2018



LINKS

<https://github.com/alixahedi>

<https://www.linkedin.com/in/ali-zahedi-b5a360158>



PATENTS

Smart wheelchair patents

106208

No Link

02/2021

An electric wheelchair with the ability to recognize and cross obstacles and follow the nurse, as well as controlling sound processing and displaying 360-degree imaging with a panoramic camera on the screen and the ability to charge with a variable solar cell with a beam radiation angle.