Mohammad Mahmoodian
Curriculum vitae

WORK EXPERIENCE

MARCH 2019 – PRESENT

Datis, Tehran, Iran
Hardware Development

Hardware programming on STM32 Discovery boards and development of elevator drives at Datis Elevator.

FEBRUARY 2017 – PRESENT

MCS Lab in University of Tehran
Software Development and Resarch Assistance

Working on linux-based operating systems (e.g., OpenWrt) and installing them on Wi-Fi routers. Development of IP networking and DNS applications.

JANUARY 2018 – JANUARY 2019

Farineh Fanavar, Tehran, Iran
Software Development

Implementing IoT protocols (e.g., Zigbee) and working on smart grids using new interesting technology, blockchain and smart contracts. Working with tools such as truffle and geth for test and simulate smart grids at Farineh Fanavar.

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EDUCATION

2017 – PRESENT	**Electrical Engineering - Network Communications** MASTER OF SCIENCE *University of Tehran* *GPA: 18.8* *Rank: 1*
2013 – 2017	**Electrical Engineering - Communications** BACHELOR OF SCIENCE *University of Tehran.* *GPA: 18.4* *Rank: 8*

PROJECTS

2019	**STM32 Discovery Kit** *Embedded devices programmer.*
2018	**Smart Contracts** *Writing smart contracts using solidity and hyperledger sawtooth.*
2018	**Zigbee** *Implementing Zigbee protocol on XBee modules using keil.*
2017	**OpenWrt** *Installation of OpenWrt on routers.*

COMMUNICATION SKILLS

PERSIAN	Native speaker
ENGLISH	Good

SOFTWARE AND HARDWARE SKILLS

GOOD LEVEL	Solidity, C, C++, Python, HTML, git, Cryptocurrency JavaScript, Linux, Restful APIs, IP Networking, Matlab
INTERMEDIATE	Hyperledger, LaTeX, LabVIEW, Keil, ModelSim, Quartus, Wireshark, shell, AVR, Verilog
BASIC LEVEL	Windows, Microsoft Word, PSpice, HSpice