Amirhossein SEFATI

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Professional summary

Motivated "Industrial Simulations" with 3 years of progressive experience in the Internet of Things (IoT) industry. Offering expertise in MATLAB, Programming and Managing, with aptitude in learning new fields. Energetic self-starter and team builder able to navigate high-stress situations and achieve goals on time.

Work history

July 2019 – current
Industrial Robotics Controller   Tinaio co.
Tehran

- I design server and back-end programs. I want to know more about how to simulate robots and industrial devices before creating and testing them in real-world.
- Simulating some parts of IoT devices for smart connecting with Proteus and also some of circuits in Simulink-Matlab.

October 2018 – current
Web Developer and Designer   Tipica co.
Tehran

- Designing, implementing and monitoring web pages and sites for continuous improvement in a fast-paced environment.
- Managing the team at meetings with executives, and discussing about project goals.
- Employing programming capabilities in PHP, MySQL and JavaScript and other libraries as needed.

Skills

Electrical Skills:

- MATLAB programming
- Simulink simulations
- Proteus simulations
- Python programming
- Arduino programming (C++)
- ARM programming (C)
- Altium Designer

Computer Skills:

- Java programming
- JavaScript programming
- Php programming
- MySQL database
- HTML5 and CSS3
- Data structure and Algorithm Design
- MQTT protocol

Education

2020
Bachelor of Electrical Engineering   Amirkabir University of Technology

- Having an "A" GPA
- Working in Innovation and Technology Center (ITC) in Electrical engineering department
- Holding and teaching "IoT platform design" course in ITC
- Participating in several conferences about Industrial problems and how to solve them with low-budget

2020
Bachelor of Computer Engineering   Amirkabir University of Technology

- Field of "Software engineering"
- Having an "A" GPA
- Participating in several labs about Software design, Operating systems, Computer network, Multi-Thread programming and etc
- Creating a web-app site for projects about developing online services in some courses
- Interested in creating simulator and plotter apps like MATLAB-Simulink

2020
Bachelor of Computer Engineering   Amirkabir University of Technology

- Field of "Artificial Intelligence"
- Having an "A" GPA
- Interested to create simulations of human and behavior of him/her.

Tips:

- I study Electrical and Computer engineering in Amirkabir university simultaneously having two separate student IDs for each of them.
- I am so interested in learning new things and in my opinion, I always learn fast!
- I have this ability to work and study all day long.