

Mohadese Sadeghi

Software engineer with proven experience improving legacy code, experienced in AI and building solutions for projects of all sizes

EXPERIENCE

EASY BITCOIN, *Tehran, Iran*

Machine learning engineer, April, 2022 - July, 2022

- Evaluated functionality and performance of existed Model.
- Evaluated boosting and bagging models, deep models, LSTMS, and random forests on the crypto dataset.
- Wrote API to get the dataset from the Binance website.

PARMAN, *Tehran, Iran*

Network Intern, June, 2021 - August, 2021

- Worked with Scapy library and CISCO switches.
- Wrote test cases to check the DHCP Snooping protocol on the switches.
- Worked with GNS3 app.

Researching Institution, *Tehran, Iran*

Research And Development Assistant, January, 2021 - April, 2021

- Designed schematics and PCB with Altium app.
- Worked on switch microcontrollers, LTVS, TMDs, protocols (I2C, Modbus, UART, ...), and graphical LCD devices.
- Coded on several kinds of microcontrollers including AVR, STM32, STM8 with Code Vision, Keil compilers.

EDUCATION

MICROVERSE, October, (In Progress)

Remote Full Stack Web Development Program, Full Time

- Spending 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with JavaScript, React, and Redux.
- Developing skills in remote pair programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.

AMIRKABIR University of Technology, September, 2019 – March, 2022

Bachelor's degree in Electrical Engineering, full-time

- Passed Signal processing, Machine learning, Microprogramming, C++, and Matlab courses.
- Implemented convolutional network on Raspberry Pi board for route detection.
- Classified ECG dataset with CNN with help of the transfer-learning method.

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[GitHub](#) | [LinkedIn](#)

[Twitter](#) | [Portfolio](#)

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SKILLS

Front-End: JavaScript, React
Redux, HTML5, CSS3
Back-End: Django, Ruby
Machine learning: Matlab, python
Design: Photoshop, InDesign

Tools & Methods: Git, GitHub
Chrome Dev Tools

Professional: Remote
Pair-Programming,
Teamwork, Mentoring

PROJECTS

[Fancy Vespas](#)

- Designed for fancy Vespa reservations.
- Built with (Ruby on Rails, React, and PostgreSQL)

[Catalog my things](#)

- A console app helps to keep a record of different things.
- Built with (Ruby)

[Meals Web](#)

- Meals world web to show users some food instruction
- Built with (JavaScript, CSS)

[AI Conference web](#)

- Descriptive web to explain whole the AI conference ingredients to users
- Built with (JavaScript, CSS)