MASOUD HEIDARY

→ Birth: 01/30/2000 ←

→ MasoudHeidaryMH@gmail.com ←

→ Personality: INTJ ←

EDUCATION

- → B.Sc. Electrical Engineering | Sep. 2018 Sep. 2022
- Iran University of Science & Technology
- GPA: 3.8 (out of 4) | 18.11 (out of 20)
- → B.Sc. Project | Public Electric Scooter
 - Scooter Steering Wheel Circuit
 - ➤ WS2812 <u>Driver</u>
- Main Circuit
 - ➤ GPS <u>Driver</u>
 - ➤ MQTT Driver (Sim800L)
- Double Brushless Motor Driver

→ Some Favorite Courses

- MicroControllers | 8th semester (19.1 out of 20)
 - ➤ <u>Designing STM32</u> tutorial board by Altium Designer (PCB)
- Advanced Logic Circuits Course | 6th semester (18.5 out of 20)
 - ➤ <u>Serial</u> Communication by Verilog
 - ➤ PDLZW algorithm FPGA Santase by Verilog An optimized lossless compression algorithm
- MicroProcessors | 5th semester (19.75 out of 20)
 - ➤ Outstanding 8086 Microprocessor <u>Project</u>

EXPERIENCE

→ June, 2021 - November, 2021

IDmelon | Swift Developer (Mac)

- Secure passwordless authentication (Fido)
- Member of Microsoft Intelligent Security Association
- My enrolment
- Developing Mac Pairing Tool App
- Virtual Fido2 System Extension (Driver)

→ January, 2021 - June, 2021

Freelancing | Django (Python), FPGA, Assembly, Logic Circuits

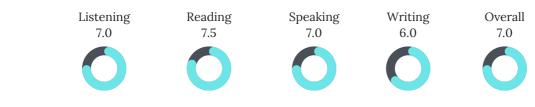
- Telegram Bot by Django
- University Projects for Other Students

→ February, 2020 - September, 2020

Ro-Box | Electrical Engineer

- Developing Public Electric Scooters start-up.
- My Enrolment
- Developing WS2812 Library for STM32 Microcontroller
- Developing GPS Circuit & Library for STM32 Microcontroller
- Other Programming and Circuit Designing

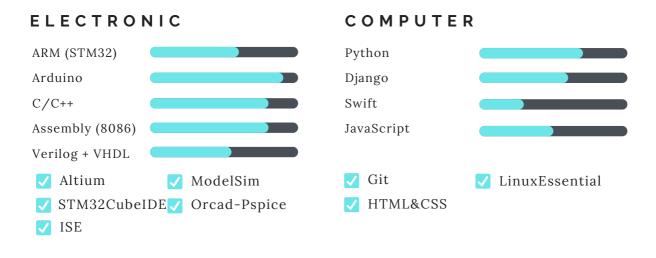
ENGLISH (IELTS - AUG. 2022)



GRE (SEP. 2022)



SKILLS



RELATED LINKS

- GitHub
- <u>Contact Terminal</u> | <u>LinkedIn</u> (not update) | <u>Personal WebPage</u> (not update)

REFERENCES

- Dr. Sattar Mirzakuchaki | supervisor
 - ➤ Professor at Iran University of Science and Technology
 - ➤ google scholar | Email
- Dr. Morteza Shafiekhani
 - ➤ Postdoc Research Associate at the Cardiff University
 - ➤ google scholar | Email
- Mr. Amirali Mohades
 - ➤ MicroController Lecturer at Iran University of Science and Technology
 - ➤ <u>LinkedIn</u> | <u>Email</u>