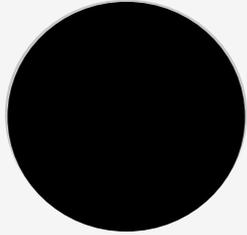




Dro Boodaghian Asl



WORK EXPERIENCE

 **IO-GENIX** – ROME, ITALY

ELECTRONICS ENGINEER – 10/2023 – 03/2025

- Designing Bio-chemistry medical device boards - PCB design of more than 20 boards
- Maintaining and finding the problems of the manufactured electronic boards
- Prototype testing in the laboratory
- Embedded programming with STM32, NXP 80C51, ARM, and Atmel Microcontrollers
- Using Sensors and encoders to make a working device
- Supervising other electronic engineers for six months

 **GIOVANNI ADAMI** – ROME, ITALY

WEB DEVELOPER – 03/2022 – 09/2023

- Photography of the leather products, Photoshop to edit them, and putting them on the website
- Created the online shop from scratch and maintained it.
- Doing Seo and Digital Marketing
- This work was student work, part remote, part present in the shop

 **UNGEX CO.** – VICTORIA, AUSTRALIA

WEB DEVELOPER – 11/2019 – 10/2021

- Checking and maintaining the Ungex website
- Working and supervising the other web editors and developers
- Teamwork - Working full-time and in a remote
- SEO and search optimization sites
- Working with WordPress, WooCommerce, PHP, SQL, and servers

 **SYSMEX CO.** – TEHRAN, IRAN

MEDICAL DEVICE ENGINEERING TECHNICIAN – 01/2018 – 10/2019

- Maintenance of hematology devices
- Installing and teaching hematology devices to laboratory users
- Fixing the hydraulic and electronic parts of the devices
- Working in laboratories and harsh conditions
- Critical thinking and finding the problem

 **DVIN ELECTRONICS** – TEHRAN, IRAN

ELECTRONIC EQUIPMENT ASSEMBLER – 2014 – 2015

- Assembling of the Solar and LED light PCB boards
- Relations with suppliers and other beginner PCB assemblers
- Controlling and providing the right products for assembling

- Fixing and finding the problems of the PCB that are not working, and QC

● EDUCATION AND TRAINING

09/2020 – 03/2025 Rome, Italy

MASTER'S DEGREE Sapienza University of Rome

Website <https://www.uniroma1.it/> | Level in EQF EQF level 7

09/2011 – 21/06/2015 Tehran, Iran

BACHELOR'S DEGREE Azad University

Website <https://iau.ir/en> | Level in EQF EQF level 6

09/2009 – 06/2010 Tehran, Iran

PRE-UNIVERSITY DIPLOMA Shahid Motahari

Level in EQF EQF level 5

09/2006 – 06/2009 Tehran, Iran

SECOND CYCLE OF SECONDARY SCHOOL DIPLOMA Alborzno

Level in EQF EQF level 5

● LANGUAGE SKILLS

Mother tongue(s): **ARMENIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
PERSIAN	C2	C2	C2	C2	C2
ENGLISH	C1	C1	B2	C1	B2
TURKISH	B1	B1	A2	A2	A2
ITALIAN	A2	B1	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

● SKILLS

think creatively | Microsoft Office | Teamwork | Working with AI | Photography | Haematology | Critical Thinking | Solving Problems | Supervising

Full-Stack Developer

MongoDB | Linux | SQL | Javascript | WooCommerce | PHP | Next.js | WordPress | React | Working with Network | HTML 5: HTML/CSS/JQuery

Graphic Design

Adobe Photoshop | Adobe Illustrator | Adobe Photoshop Lightroom

Electronics

Embedded Development | Altium Designer | PCB Design | printed circuit boards | electricity | Fixing Electronics | Electronics Design | electrical testing methods | PLC Logo | electricity principles | types of electronics | NXP | robotic components | battery management systems | STM32 | ESP32 | Arduino | IoT | sensors

● PROJECTS

01/09/2024 – 26/03/2025

DEVELOPMENT OF A DIGITAL PLATFORM FOR GRAPHENE-BASED WEARABLE SENSORS INTEGRATION

Advisor: D'ALOIA ALESSANDRO GIUSEPPE

Subject: MICRO-NANO DEVICES AND MATERIALS FOR ELECTRICAL ELECTROMAGNETIC APPLICATIONS AND FUNDAMENTALS

Experience in Research in Electromagnetic compatibility and electrical measurement laboratory

Characterization of graphene-based textiles and sensors

PCB design with Altium Designer for the temperature and pressure sensing of the sensors mentioned above

Arduino programming for the MCU on the circuit

● HONOURS AND AWARDS

25/08/2022

Learn PCB Design By Designing an Arduino Nano in Altium – Udemy

Certificate no: UC-dOb2d630-7f48-4be3-acd0-bc5540881373

Reference Number: 0004

Link [ude.my/UC-dOb2d630-7f48-4be3-acd0-bc5540881373](https://www.udemy.com/course/learn-pcb-design-by-designing-an-arduino-nano-in-altium/)

16/05/2020

Learn SEO for Word Press Websites from Scratch – eduonix

Link <https://www.eduonix.com/>

04/04/2020

SEO Training 2020 : Complete SEO Guide For Beginners – Udemy

Certificate no: UC-224bad25-ae95-41 cc-90b3-11fe6a950dee

Link [ude.my/UC-224bad25-ae95-41cc-90b3-1](https://www.udemy.com/course/seo-training-2020-complete-seo-guide-for-beginners/)

14/10/2019

Service Engineer of Laboratory equipment – Electronic Pezeshki Pishrafteh Co. (Sysmex Co.)

Repairing, servicing, and Service back up operation of laboratory equipment.

02/2018

PMMI Mechatronics: Programmable Logic Controllers 1 (PLCs) – Tehran Institute of Technology (MFT)

Certificate ID: 516797

Link <https://mft.info/>

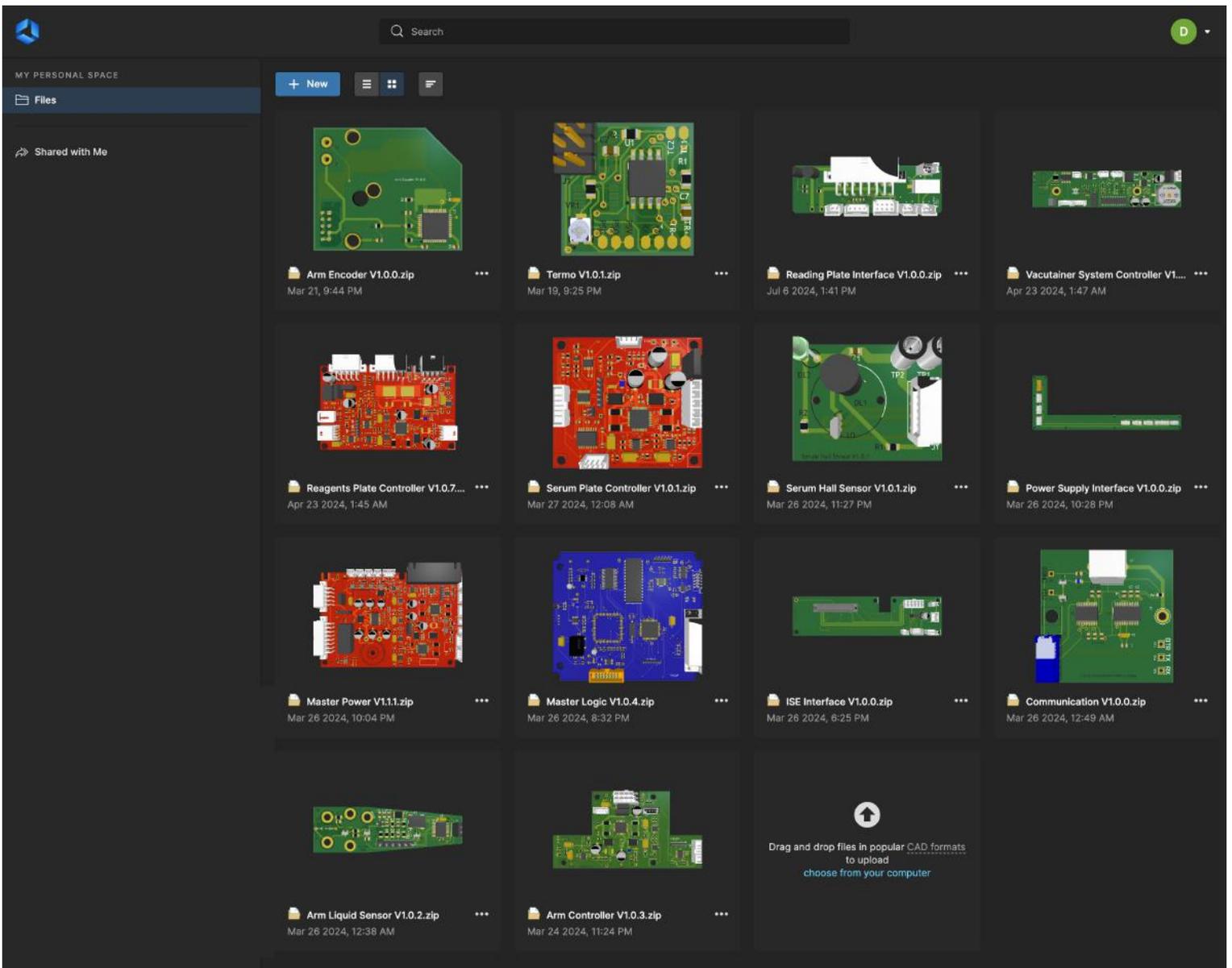
● HOBBIES AND INTERESTS

Reading Books

Cooking

Hiking

Gaming



Some of My Altium Electronic Board Designs