

Hossein Shojaeifar

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🔗 [GitHub](#) • 🔗 [LinkedIn](#) • 🔗 [Flui Swimming Academy](#)

Software engineer and applied-AI practitioner; nature-school facilitator; experienced expedition leader. Currently coaching swimming in Dubai.

Software & AI

Nature Education

Mountaineering



M.Sc. in Computational Linguistics and hands-on systems engineer — Python, C, and Bash, Linux/VPS administration, ML-based classification, and end-to-end web, mail, and file-sharing deployments.

Co-Founder & Technical Lead

2026 – Present

[Flui Swimming Academy](#)

Dubai, UAE

- Co-founded Flui Swimming Academy and built its full technical stack
- Designed and shipped the website, admin panel, client portal, and online booking system
- Deploy and manage production servers, corporate email, and web hosting

IT Administrator

2025 – 2026

[Imen Farabar Erah Co.](#)

Remote (Tehran, Iran)

- Owned remote IT for a Tehran-based company — servers, corporate email, and website
- Deployed and administered Seafiler for secure corporate file sharing

Personal VPN Service

2022 – Present

- Designed and deployed production VPN infrastructure as a non-commercial personal project
- Operated and maintained the service for up to 100 users since 2022

M.Sc. in Computational Linguistics

2020 – 2025

[University of Tehran](#)

Tehran, Iran

[Fragments-Expert project](#)

- Thesis: Classification of Text File Fragments by File Type — AI classifiers over 40+ file types
- Built and curated a multilingual dataset spanning more than 40 file types
- Designed decision-tree and hierarchical classifiers to separate closely related types
- Ranked 3rd nationally in the M.Sc. entrance exam for Linguistics (2020)

Personal Software Projects

2019 – Present

- Automation and tooling in Python, C, and Bash
- Self-hosted personal servers (infrastructure, multi-device music streaming, mail)

Lead Persian Translator

2013 – 2023

[Code.org](#)

Remote

[Translators page \(archived Jan 2023\)](#)

- Led Persian localization of foundational computer science curriculum through intermittent contributions (2013–2023)

Studies in Computer Software Engineering

2013 – 2016

[University of Tehran](#)

Tehran, Iran

- Left in good standing to pursue Sports Sciences

Stack: Python, C, Bash, Debian, Ubuntu, Void Linux, VPS administration, LPIC-1 coursework

Focus: Decision trees, hierarchical classification, dataset curation, self-hosted mail / web / Seafiler



Nature-school founding team member and child facilitator since 2016 — experiential outdoor learning, child-centered pedagogy, and neurodivergent-informed facilitation for autistic and ADHD children.

Child & Nature Facilitator

2024 – 2026

[Pelak 5 \(No. 5 House\)](#)

Tehran, Iran

- Facilitated nature-based learning for children in outdoor group settings
- Adapted communication and activities for autistic and ADHD children

Child & Nature Facilitator

2023 – 2024

[Bachehaye Zamin \(Earth Children Group\)](#)

Tehran, Iran

- Designed and led experiential outdoor learning activities for children
- Adapted sessions for mixed-ability and neurodivergent groups

Founding Team, Leadership & Child Facilitator

2016 – 2020

[Pardisan Nature School](#)

Tehran, Iran

- Founding team member of the first permanent nature school in Tehran
- Steering committee and on-the-ground facilitation of child-centered outdoor programs
- National Child & Nature Conference participant (2016, 2017)

Child & Nature Facilitator

2016

[Shahid Rajaee Teacher Training University](#)

Tehran, Iran

- Began professional practice in alternative outdoor education with teacher-training partners

Volunteer Educator

2015

[Imam Ali Relief Society \(Khaneh-ye Irani, Ahmadabad\)](#)

Tehran, Iran

- Taught and supported Afghan migrant children in an after-school education program

Computer Instructor

2013 – 2015

[Rouzbah Educational Complex](#)

Tehran, Iran

- Taught LOGO programming and computer literacy to school-age children

Practice: Outdoor activity design, risk awareness, group dynamics, LOGO / intro programming for children



Mountaineering & Tour Leadership

Experienced expedition leader with 12+ years in technical alpine environments — 30+ programs led, leadership support on 50+ expeditions, international tours, winter Damavand, and climbing to French 5.11a.

Tour & Assistant Expedition Leader

2018 – 2022

Independent international alpine tours — Hungarian client teams

Iran

- Co-led logistics and guiding for Hungarian alpine teams on Mount Damavand (2018, 2019)
- Assistant leader for a 2-week Damavand ascent and multi-stop Iran tour (2022)

Endurance Cycling Expedition

2016

Personal

Iran

- Completed a 500 km self-supported cycling expedition across Iran

Council Member & Expedition Leader

2013 – 2017

University of Tehran — Faculty of Engineering Mountaineering Club

Tehran, Iran

- Executive council member (2013–2017); led 30+ programs and assistant-led 50+ expeditions
- Expedition leader, winter ascent of Mount Damavand south route (5-person team, 2015)
- Led 20-hour winter traverse of Darabad Ridge
- Technical climbing to French 5.11a (Pol-e Khab, Baraghan, Bisotun); Bisotun Big Wall (2017)
- Technical canyoning descents including Andarsm, Kolshakh, Zendan, Khordlou, Gazak, Kamjal

Toolkit: Ropework, winter camping, navigation, canyoning, international client logistics



Swimming Coaching & Sports Science

B.Sc. in Sports Sciences and active swimming coach in Dubai — private and academy instruction, lifeguarding, and a competitive background in basketball and aquatics.

Co-Founder & Swimming Coach

2025 – Present

[Flui Swimming Academy](#)

Dubai, UAE

- Lead swimming instruction for academy programs and private clients in Dubai
- Combined coaching practice with co-founding the academy's operations and client experience

B.Sc. in Sports Sciences

2016 – 2020

[University of Tehran](#)

Tehran, Iran

- Teaching Assistant to Dr. Elham Shirzad (Physics & Biomechanics, 2017)
- Member of the faculty varsity basketball team (2018)

Coaching: Stroke mechanics, private lesson design, lifeguarding, SSI Open Water Diver



Languages, Certifications & Assessments

Persian (native) and professional English; ICDL, Quera AI/ML, National Computer Olympiad, and Konkur Math rank 330 nationwide; verified TOEFL and WAIS assessments.

TOEFL iBT

2023 – 2025

ETS

- August 2023: overall score 103
- December 2025: overall score 97

Wechsler Adult Intelligence Scale (WAIS)

National Brain Mapping Laboratory (NBML)

Tehran, Iran

- Non-verbal IQ: 144
- Verbal IQ: 142