Mohammad Reza Abolghasemi

Tehran, Iran | +98 938 130 6377 |
mamrezz.py@gmail.com
Webpage:
https://mra-resume.onrender.com/

About me

I am an interdisciplinary technologist, an innovative and versatile digital content creator, and a generative AI specialist with over 7 years of experience in content creation, teaching, and technical research. Expert in leveraging state-of-the-art AI tools, including LLMs, n8n, and multi-modal generative models (video, image, sound), to automate and enhance content creation workflows. Proven ability to educate audiences—from English learners to aspiring creators—on complex AI tools and strategies. Strong academic background in IT, communication networks, and graph theory research. Passionate about simplifying technology and empowering communities through content, education, and creative automation.

Experience

AI Content Creator & Educator
Freelance | Aug 2023 – Present, Tehran, Iran
- Expanded an Instagram page - @mamrezz.py to over 50,000 followers, with daily, AI-powered educational content. Built automated multi-platform content creation pipelines using n8n + LLMs. Taught AI fundamentals, automation tools, and English language courses through social media platforms such as YouTube. Developed and deployed Telegram bots for interactive education and FAQs. Created compelling visuals to accompany written contents. Built relationships with influencers who could help promote a brand's message online. Managed multiple projects while meeting tight deadlines. Planned, produced, and edited video projects such as music videos to maximize social engagement. Utilized cutting-edge editing and Image generative AI tools to enhance storytelling effects. Maintained knowledge of digital technology and social media trends, media requirements, and best practices. Introduce state-of-the-art technologies to my audience on a daily basis, highlighting their impacts and practical applications.

Content Creator
Dr. Haj Ahmad Sodagar Cultural Institute | Apr 2021 – Mar 2023
- Led multimedia production for cultural initiatives: video, posters, and digital marketing. Produced SEO-friendly blog content for the institute's website and channels. Contributed to photography and videography projects as a content strategist, editor, and camera operator. coordinated planning and execution of social events

Researcher – Communication Networks
Iran Telecommunication Research Center (ITRC) | Jun 2020 – Apr 2021
- Investigated traffic analysis and algorithmic application detection in networks. Assisted in preparing presentations on findings from various studies conducted by the organization. Conducted literature reviews and synthesized research to identify gaps in knowledge and inform project objectives. Authored peer-reviewed technical reports based on English resources. Integrated Python-based tools and frameworks to enhance data analysis efficiency. Collaborated with a cross-functional team to design experiments, collect data, and interpret results.

English & IELTS Instructor
Freelance | 2019 – 2022, Tehran, Iran
- Taught IELTS prep courses with custom curricula targeting beginner and intermediate learners. Focused on exam strategy, communication skills, and personalized feedback.

University Lecturer / Lab Supervisor
Khaje Nasir Toosi University of Technology (KNTU) | Jan 2017 – Jan 2019
- Delivered lab sessions on digital electronics for B.Sc. students. Supervised final projects across four academic semesters. Compiled resources, including textbooks, articles, and other materials, for teaching purposes.

skills

Generative AI and automation
· Large Language Models (LLMs): ChatGPT, Claude, Gemini, Grok, …
· Multi-Modal AI Tools: Midjourney, Flux, Kling AI, VEO3 Flow, Eleven Labs, Google AI Studio, …
· Prompt Engineering & AI Agent Development
· Automation & Workflow Design: n8n, Telegram Bot Development
· AI-Driven SEO, Content Optimization & Writing Tools

Digital Content Strategy & Creation
· Social Media Growth & Management
· AI-Assisted Scriptwriting & Storytelling
· End-to-End Video Production & Visual Branding
· Content Marketing & Engagement Strategy

Education & Training
· IELTS Academic (C1 – Advanced), Public Speaking & Presentation Skills
· EdTech and curriculum design (AI for content creators, fundamentals of generative AI, English language)

Programming and IT foundations
· Python, MATLAB, HTML, CSS, and Git
· Network simulation, graph theory, optimization algorithms, game theory
· Linux tools, algorithmic thinking, and problem-solving, technical reporting, and documentation
· Basic web development (HTML, CSS)

Data and research expertise
· Graph theory, optimization, network analysis, game theory principles
· Research and technical reporting

Creative & editing tools
· Adobe Photoshop, Adobe Premiere, Canva, InShot, CapCut

Productivity and office tools
· Microsoft PowerPoint, Word, Excel

Platforms and operating systems
· Instagram, YouTube, Telegram
· Windows, Linux (Ubuntu)

Education

M.Sc. Information Technology – Computer Networks
Khaje Nasir Toosi University of Technology (KNTU) | 2016 – 2019
- GPA: 18.02/20
- **Thesis:** Coupling Effects on Cascading Failures in Interdependent Networks
- Ranked First in my class

B.Sc. Hardware Engineering
Khaje Nasir Toosi University of Technology (KNTU) | 2012 – 2016
- GPA: 16.33/20
- **Thesis:** Design & Implementation of a Botnet
- Ranked 6 in Top 10 of the class

Publications

- Abolghasemi, M. R. et al. (2019). *Interdependent Network Formation Game Using TLBO Algorithm*. 27th Iranian Conference on Electrical Engineering (ICEE). DOI: 10.1109/ICEE.2019.8786605

Certifications & Languages

- IELTS Overall Band Score: 7.5 (Listening: 8.5 | Reading: 8.5 | Writing: 6.5 | Speaking: 6.5)

References

Available upon request.

Note to Employers: Portfolio, sample projects, and educational videos are available via Instagram, YouTube and https://zil.ink/mamrezz.py.