

Yara Mohammadi Bahram (Updated: 16 April, 2026)



1 June 1997

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LIVIA-ILLS, Department of Systems Engineering

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Efficient Personalization | Multimodal Generation | Diffusion Models

EDUCATION

2024–ONGOING	PhD in AI , École de technologie supérieure, Montreal, Canada
2020–2023	Master of Science in AI , University of Tehran, Tehran, Iran GPA: 18.56/20
2015–2020	Bachelor of Science in CE , Isfahan University of Technology, Isfahan, Iran Last year GPA: 17.98/20

PUBLICATIONS

DAFX 2026 <i>Under Review</i>	Melodie Desbos, Y Bahram , Eric Granger, Mohammadhadi Shateri <i>A Production-oriented Framework for Evaluation of SFX Generation</i>
CVPR 2026 ArXiv	Y Bahram , Melodie Desbos, Mohammadhadi Shateri, Eric Granger <i>Uni-DAD: Unified Distillation and Adaptation of Diffusion Models for Few-step Few-shot Image Generation</i>
AAAI 2026 ArXiv	Y Bahram , Mohammadhadi Shateri, Eric Granger <i>DogFit: Domain-guided Fine-tuning for Efficient Transfer Learning of Diffusion Models</i>

WORK EXPERIENCE

RESEARCH INTERN 05/2026–ONGOING <i>End-date 12/2026</i>	Electronic Arts (SEED) , Montreal Dr. Konrad Tollmar , Dr. Fernando De Mesentier Silva Developing gameplay-focused world models for personalized interactive experiences
RESEARCH ASSISTANT 01/2024–ONGOING	École de technologie supérieure , LIVIA-ILLS Dr. Eric Granger , Dr. Mohammadhadi Shateri PhD Thesis: <i>Adaptation of Multi-modal Generative Models with Limited Compute and Data</i> Mentoring Master's students research projects: <ul style="list-style-type: none">• <i>Identity and Expression Control in Human-centric Video Generation</i>• <i>Efficient Subject-driven Image Generation using Distillation</i>
RESEARCH INTERN 05/2022–01/2023	Polytechnic University of Bari (Remote) Dr. Yashar Deldjoo Preprint: <i>Fairness Auditing Through the Lens of Counterfactual Explanations</i>
RESEARCH ASSISTANT 06/2021–08/2023	University of Tehran , Machine Learning Lab Dr. Amin Sadeghi Master Thesis: <i>When and where to perform regularization in training of deep learning models?</i> Preprint: <i>Overfitting is not a dead-end: A survey and outlook on post-training regularization</i>

RESEARCH INTERN
08/2019–02/2020

Isfahan University of Technology, Image Processing Lab
[Dr. Shadrokh Samavi](#)
Bachelor Thesis: *Patch-Based CNN for Instance Segmentation of Pathology Images*

TEACHING EXPERIENCE

TEACHING ASSISTANT 07/2022–08/2022	Neuromatch Deep Learning Summer School 🌟 (Remote) Supervised 16 students and led 2 research group projects over 3 weeks
MENTOR 07/2022–08/2022	HooshBaz Data Analytics Bootcamp 🌐, Tehran Co-organized with 7 mentors; trained 80 students across 14 workshops
TEACHING ASSISTANT 09/2021–02/2023	University of Tehran , Graduate University Courses <ul style="list-style-type: none">Machine Learning – Dr. Mohammad-Reza DehghaniDeep Generative Models (Lead) – Dr. Mostafa TavassolipourAdvanced Deep Learning – Dr. Amin SadeghiData Analytics & Visualization (Lead) – Dr. Amin Sadeghi
YOUTUBE 01/2022	Introductory Machine Learning Course 📺 🌐 Created 2+ hours of Persian ML tutorials with hands-on exercises

SERVICE & HONORS

- Ranked **31st nationwide** among 14,000+ candidates in the Computer Engineering Master's entrance exam
- Reviewed 6 papers for AAAI 2026

SKILLS

PROGRAMMING	Python, C/C++, Bash
DEEP LEARNING	PyTorch, JAX, TensorFlow, Multi-GPU / Distributed training
SYSTEMS & TOOLS	Linux, Git, WandB, SSH, SLURM, HPC (Compute Canada), Docker
COMMUNICATION	LaTeX, Data visualization, Presentation design, Video tutorials
LEADERSHIP	Organizing lab social events, Music band performance

LANGUAGES

ENGLISH	TOEFL 110 (R28 L29 S26 W27) 🌟	GRE 326 (Q167 V159) 🌟
FRENCH	Speaking B1–B2, Writing B1	
KURDISH & PERSIAN	Native	