

Aryan Mikaeili

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EDUCATION

Master of Science, Computing science
Simon Fraser University

Sep 2021 - Present
Burnaby, BC, Canada

Bachelor of Science, Computer engineering
Sharif University of Technology

Sep 2016 - June 2021
Tehran, Iran

RESEARCH EXPERIENCE

Graduate research assistant

Simon Fraser University

topic: Neural fields, 3D understanding in generative models

Sep 2021 - Present
Advisor: Ali Mahdavi-Amiri

Research assistant

IPL, Sharif University of Technology

topic: Adversarial robustness of 3D point cloud models

June 2020 - June 2021
Advisor: Shohreh Kasaei

PUBLICATIONS

- [SKED: Sketch-guided Text-based 3D editing](#), Aryan Mikaeili, Or Perel, Mehdi Safaei, Daniel Cohen-Or, Ali Mahdavi-Amiri, ICCV 2023

WORK EXPERIENCE

ML research intern

MARZ VFX

- Worked on the Lipdub AI team. Designed and implemented novel models for natural lip syncing on dubbed video content.

May 2022 - Sep 2022

TEACHING ASSISTANCE EXPERIENCE

Practices in visual computing 1

held lab classes, designed and supervised assignments. Course page: [link](#)

Fall 2021, Fall 2022, Fall 2023

Simon Fraser University

Practices in visual computing 2

held lab classes, designed and supervised assignments. Course page: [link](#)

Spring 2022, Spring 2023

Simon Fraser University

Machine learning

Created educational content and lecture notes.

Fall 2020
Sharif University of Technology

Artificial intelligence

Designed and supervised assignments.

Spring 2019
Sharif University of Technology

SKILLS

Programming Languages: Python/NumPy, C/C++, R, MATLAB, JAVA

Tools and Frameworks: PyTorch, Tensorflow, Blender, Adobe Photoshop