








M.Sc. student in **Computer Science** at Shahid Beheshti University, focused on machine learning, efficient deep learning systems, and intelligent algorithm design. My work centers on transforming complex, high-dimensional data into structured, interpretable, and actionable insights using scalable and performance-aware models. I thrive at the intersection of AI and systems, where intelligence meets precision engineering.

# Armin Abbasi Najarzadeh

## Links

 [Gmail](#)       [Kaggle](#)  
 [LinkedIn](#)       [LeetCode](#)  
 [Github](#)

## Technical Skills

Python      PyTorch      NumPy  
Pandas      scikit-learn      Java  
HTML/CSS      Flask      Dash  
LaTeX      Git






## Soft Skills

Analytical and systems-level thinking      Precision-focused execution and iterative refinement  
Resilience under pressure and deadlines      Self-motivated, research-obsessed, and deeply curious  
Collaborative problem solving

## Education

<b>M.Sc. in Computer Science</b>	Shahid Beheshti University	2023–2025
<b>B.Sc. in Computer Engineering</b>	Islamic Azad University Central Tehran Branch	2016–2022

## Projects

 <b>BlockCluster</b>	Exploratory NMI-based interaction clustering for dimensionality reduction.
 <b>Image Captioning on Flickr30k</b>	A survey of the effectiveness of various decoding methods –RNN, LSTM, LSTM with Attention– for the task of image captioning on Flickr30k dataset.
 <b>ResNet on CIFAR10</b>	An implementation of ResNet architecture, and its showcase on CIFAR10 dataset.
 <b>Filmiye: A Movie Recommendation System</b>	A hybrid method for the task of movie recommendation.
 <b>One-Model DEA Congestion Dashboard</b>	A full dashboard for one-model data envelopment analysis.

## Domains

Machine Learning	Deep Learning
Exploratory Data Analysis	Biological Data Analysis
Data Wrangling	Data Envelopment Analysis
Software Architecture	Object-Oriented Programming

## Research & Implementation Skills

From-scratch implementation of ML\DL models

Deep literature reviews + idea refinement

Full-stack ML\DL pipelines (data to visualization to insight)








Writing detailed, reproducible research documentation

Efficient debugging and bottleneck-hunting

## Languages

Persian	(Native)
English	(Full Professional Proficiency)

## Projects

 <b>YouTube Trending Video Dataset Analysis</b>	A comprehensive, data-driven exploration of the United States' YouTube Trending Video dataset.
<b>k</b> <b>World Happiness 2019 Analysis</b>	An Exploratory & Predictive Analysis of World Happiness 2019 Data.
 <b>Undergrad</b>	Everyones Trusty Automatic Differentiation Engine
 <b>Clamp-n-Count</b>	An efficient combinatorial approach for solving leetcodes Powerful Integer problem.
 <b>Meanliss</b>	Python CLI implementation of Conway's Game of Life.
 <b>Bletchley</b>	GUI Enigma
 <b>Pyter</b>	IDMs' neurodivergent little brother.
 <b>Pycture</b>	Python CLI image manipulation tool.

## Experience

<b>Freelance Translator</b>	Self-Employed	2024-2025
<b>Wordpress Developer</b>	Self-Employed	2018-2024