



# Fatemeh Haji Mohammadi

Intern

DoB: 2003-07-04

## Contact



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📍 Tehran, Iran

## Technical Skills

Object-oriented programming principles

Python programming

Java programming

C programming

SQL

Neural networks

Data structures

Algorithm design

Web design with HTML5, CSS, JS

## Language

### English

Reading

Writing

Speaking

Listening

## About Me

Computer engineering student with a strong interest in software development and artificial intelligence, seeking hands-on experience in challenging and dynamic environments. Eager to learn from technical teams and contribute to real-world projects with a focus on problem-solving. Looking forward to joining a creative and collaborative team where I can apply my skills and grow through meaningful challenges.

## Education

### ► Bachelor of Computer Engineering

Institute/University: AmirKabir University of Technology

Tehran, Iran

2021 - Present

GPA: 18.41

## Projects

### ► Sovereign Scripting

A fully featured multiplayer and single-player strategy game. Built with account, friend, and login systems, persistent statistics stored via SQL.

Technologies: Java, SQL, Scene Builder

Link: [github.com/NiyayeshHajimohammadi/Sovereign-Scripting](https://github.com/NiyayeshHajimohammadi/Sovereign-Scripting)

### ► Bank Management System

Created a secure bank system with full CRUD functionality. Parameterized queries ensured SQL injection safety.

Technologies: Python, SQL

Link: [github.com/NiyayeshHajimohammadi/Bank-Management-DB](https://github.com/NiyayeshHajimohammadi/Bank-Management-DB)

### ► Facial Emotion Recognition

Built MLP and CNN models for emotion classification, achieving 51% and 65% test accuracy using techniques to prevent overfitting and underfitting.

Technologies: Python, PyTorch, CNN, Batch Normalization & Dropout, FER2013 Dataset

Link: [github.com/NiyayeshHajimohammadi/Facial-Emotion-Recognition](https://github.com/NiyayeshHajimohammadi/Facial-Emotion-Recognition)

### ► Breast Cancer Diagnosis

Used the WDBC dataset and PyTorch to diagnose breast cancer. Achieved 80%+ training accuracy.

Technologies: Python, PyTorch

Link: [github.com/NiyayeshHajimohammadi/Breast-Cancer-Diagnosis](https://github.com/NiyayeshHajimohammadi/Breast-Cancer-Diagnosis)