Sepehr Noey

✉ sepehr.nk.81@gmail.com · ☎ (+98) 991-214-6434 · in Sepehr Noey · ○ SepehrNoey

EDUCATION

Amirkabir University of Technology, Tehran   *Sep. 2020 - Present*
Bachelor of Computer Engineering   Overall GPA: 3.86

CAREER OBJECTIVE

Seeking opportunities to improve my skills and knowledge in Artificial Intelligence, ML, DL, and other related fields. Also interested in improving software engineering skills.

EDUCATIONAL PROJECTS

Lights Out Puzzle and Histogram Matcher
This project uses some concepts of Linear Algebra to solve related problems. It's written in Python and some used libraries are Numpy, Pillow, CV2, etc. Link: *Linear-Algebra-Final-Project*

AI-Pacman
In this project we aim to use AI methods for making more intelligent agents. Concepts used in this project include search algorithms, CSPs, MDP, Reinforcement Learning, etc. Link: *Principles-And-Applications-of-AI*

Tanks-Game
It's a game that simulates a simple 2D tanks' war. Backend is written in Java and The graphics are implemented with JavaFX. MySql database is also used as storage. Link: *Clash-Royale*

Mafia-Game
In this project, the popular game 'Mafia' is implemented in Java. The Client-Server network is created with help of Java Socket Programming. Link: *Mafia-Game*

WORK EXPERIENCE

AI-Medic Co. , Tehran, Iran   Jun. 2022 - Sep. 2022
Artificial Intelligence Intern

· Interns at this position participated in some entry-level courses for learning ML and DL and they were also asked to implement some of these methods to achieve better predictions and solutions for medical purposes.
· In each project, Interns were required to implement an ML/DL method process to achieve the goal. This include doing some tasks on datasets like preprocessing, feature extraction, model training, validation and prediction. Scikit-Learn was the main library used in these projects.

Amirkabir University of Technology, Tehran, Iran   Feb. 2022 - Jan. 2023
Advanced Programming Teaching Assistant

· TAs were responsible for designing projects, assignments, troubleshooting classes and etc. for boosting the overall learning of students in this course.

Amirkabir University of Technology, Tehran, Iran   Feb. 2022 - Jan. 2023
Fundamentals of Computer Programming Teaching Assistant

· TAs were responsible for designing projects, assignments, troubleshooting classes and etc. for boosting the overall learning of students in this course.

TECHNICAL STRENGTHS

Programming Languages   Python, Java, C
Databases   MySql, SQL
Version Control   Git, Github

REFERENCES

Dr. Hamed Farbeh   CE Professor at AUT

· Email: `farbeh@aut.ac.ir`
· Tel: (+98) 21-6454-2729