

SINA KAMALI

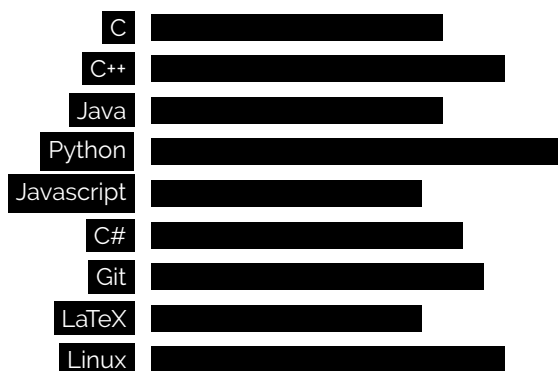
Indie Game Developer

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in Sina Kamali
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ABOUT ME

I am a young developer from Iran. I am a great debugger and love programming, game development and solving all kinds of problems. In my opinion solving the problems around us using the knowledge we have acquired in life, is the ultimate goal that a person can follow, no matter how big or small the solved problems are.



EXPERIENCE

- 10/2019 – 9/2020 **Lead Developer** Hamim Co.
Developed a framework for predicting and trading in the crypto-currency market. It used a real-time Reinforcement learning algorithm alongside with typical technical analysis. The project was developed with Python in a group of 5.
Python / ML / Trading / Linux
- 7/2019 – 10/2019 **Programmer & Data Scientist** University of Tehran
part time
Worked on a Fraud Detection agent used for detecting fake clicks on ads. Our final solution got an accuracy of 85% on the official Kaggle test data. The project was written in Python.
Python / ML / Data Science / Linux
- 2/2020 – On Going **Teaching Assistant of The Discrete Mathematics Course** University of Tehran
part time
Working as a TA in the discrete mathematics course. My responsibilities involve designing problems, quizzes and grading them.
Teaching Assistant / Latex / Discrete Mathematics
- 9/2020 – On Going **Teaching Assistant of The Data Structure Course** University of Tehran
part time
Working as a TA in the Data Structure course. My responsibilities involve designing problems, quizzes, projects and grading them.
Teaching Assistant / Python / Data Structure
- 2/2021 – On Going **Teaching Assistant of The Artificial Intelligence Course** University of Tehran
part time
Working as a TA in the artificial intelligence course. My responsibilities involve designing problems, quizzes and grading them.
Teaching Assistant / Python / Pandas / Artificial Intelligence

EDUCATION

- 2018 – On Going **Bachelor's Degree** University of Tehran
Studying to get a Bachelor's Degree on Computer Engineering.

PROJECTS

2021	Sins & Virtues A Text-Based game built from the ground up by myself using Python. The game is a modern take on old Text-Based RPGs with some fun new mechanics like a day-night cycle, an upgrade system and many more. This project is available on my personal git. Python / C++ / Game Development / Linux	Independent
2020	Meriq A 3D Top-Down shooter made by myself using Unreal Engine Blueprints. The game offers many fun gameplay elements like an upgrade system and a dynamic difficulty adjustment system to tune your game to the way you like to play. This project is ready and has a Shipment build but has not been released yet. C++ / Blueprints / Game Development / Unreal Engine	Independent
2020	Discrete Mathematics Contest Bot(DMC Bot) A mail bot developed by me and some other friends for holding the DM Contest in the global pandemic of 2020. The project was developed with Python. Python / Mail Bot / Discrete Mathematics	DM course at University of Tehran
2019	Color Switch Replica A smartphone game similar to Color Switch Developed using C# and the Unity Engine by myself. The game had some fun features like a shop where you could buy upgrades for your character. C# / Unity Engine / Game Development	Independent

LANGUAGES

Persian - native
English - proficient
Arabic - rudimentary

HOBBIES

I love gaming, programming, watching movies and series and doing adrenaline filled activities.

NON PROFIT

I have developed several Open Source projects to help others on my github account.