Haki Malai

Junior Software and Web Developer

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About Me

Hello, my name is Haki and i was born in Corinth, Greece. I have an innate love on algorithms, solving complex issues, creating and learning. Currently i am studing for my informatics degree in Ionian University and working on a AI Techno Synthesizer and on an Web Application for Secure Communication. I have experience on developing apps for clients through freelancing, have experience in a variety of computer languages and have experience as on working as team when it comes to manipulating code.

Projects

Identifying Covid-19 infection cases in Twitter text-A Machine Learning Approach

https://github.com/Haki-Malai/Covid-19-Tweet-Classifier

This project was almost published as a scientific paper but due to cooperation issues i had to cancel it.

This project was made for the course called "Language Technology". The main idea behind the work described is that social media are able to provide large datasets which can be helpful in identifying certain patterns that may occur in social media text, and in helping to automatically reveal cases of virus infections. My constribution to this project was:

- Collected Tweets and assign then to my associates so they label them as true or false
- Used SMOTE to bring balance dataset
- Applied machine learning algoriths on the data
- Created a bidirectional recurrent neural network
- Trained the bidirectional recurrent neural network using 10-fold cross validation
- Created the GitHub repository

Pac-Man JavaScript

https://github.com/Haki-Malai/Games/tree/main/Pac-Man%20JavaScript

The idea was to learn through this project but the result was amazing.

This project was made for the course called "Entertainment Technology Software and Virtual Worlds". We were asked to build any game we like and i choose to implement Pac-Man using Vanilla JavaScript in order to master the fundumentals of HTML5, CSS and JavaScript. I am very proud of the result as it is not a casual Pac-Man implementation. I have even managed to sell a version of this game on fiverr.com.

Other JavaScript Games

https://github.com/Haki-Malai/Games

A collection of games using HTML5, CSS and Javascript

Some of these were made for clients on fiverr and have mobile versions. Some of them were sudoku variations and tetris.

Simple TCP-IP Chat

https://github.com/Haki-Malai/Twisted-Simple-Tcp-Chat

In my attemp to make an online rock, paper, scissors game i also created a group chat.

This is a classic server and client implimentation using python and a library called "Twisted". Everyone that connects to the server receives every message send in it, so it basically is a big group chat. Messages are being send and received through the commant line.

Experience

Freelancing on Fiverr

Freelancer

November 2020 - Present

fiverr.com

2d game development for desktop and mobile and machine learning applications.

Collected a lot of experience on dealing with clients and giving them what they ask for on a deadline. Helped me to maintain my skillset and make some side money.

Education

Ionian University

Department of Informatics

2017 - 2021

The Ionian University (Greek: Ιόνιο Πανεπιστήμιο) is a university located in the Ionian Islands (region), Greece. It is one of the newest institutions of Higher Education in Greece, along with the University of the Aegean and the University of Thessaly.

A Little More About Me

Alongside my interests in web and software developing some of my other interests and hobbies are:

- Lifting Weights
- Running
- Riding the bike
- Hanging out with friends
- Gaming
- Learning
- Listening to music
- Playing and studing chess