



Kheireddine ATTALA

A Freshly graduated Algerian developer who has a few skills under his sleeve. My repertoire includes Unity 3D, Django, Numpy, Pandas and tensorflow. I fancy myself a person skilled at using natural language as well, being able to write ideas, whether those be technical ones, social media content, or even poetry. In short, by means of either implementation or verbalization, I give life to ideas and concepts.

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EDUCATION

Software engineer

ESI - Ecole supérieure d'informatique, Alger.

09/2016 - Présent

Informatique

Contenu de la formation

- Maths: an in-depth understanding of a large number of mathematical concepts useful in computing problems such as graph theory.
- Computer science: a theoretical and practical CS curriculum that went from coding theory and algorithms to web and mobile development, networks, design patterns and data analysis.
- Precision : a tool made for desktop in WPF and C#, the premise of it is the manual approximation of real 3d geographic surfaces using bezier curves and Delaunay triangulation. It is worth noting that the project was done in a team of 6 students, of which I was the lead.
- Corona Watch, a web/mobile app for publishing info about corona virus spread and reporting cases, My role was, apart from leading the team of 6 students I was part of, to contribute to the backend part of the project that used Django as well as BeautifulSoup for a web scraping feature.

EXTRACURRICULAR/INTERNSHIP

End of curriculum project

Yassir SPA.

09/2020 - 07/2021

Algerian VTC company

Alger, Algérie

Machine Learning developer

- development of an ML solution to approximate ETAs (estimated times of arrival) for Yassir vehicles.

Communication Member

CSE Club Scientifique de l'ESI

09/2017 - 09/2021

A Students' club that aims to improve fellow students' lives by organizing tech-related events and training sessions

Achievements/Tasks

- Community Manager : Writer of numerous social media posts, including formal posts, video-accompanying texts, and poetry.
- Trainer : One of CSE's trainers for various technologies, including Django, HTML, Pascal, and Python.

Internship

BRENCO E&C.

09/2018 - 10/2018

Algiers, Algeria

A small company that develops apps and does tech consulting for other businesses as well as its own projects

Intern Unity 3D developer

- MATA prototype: an app that simulates visual diseases by applying filters to camera entry data, made using Unity3D and C#

SKILLS

Django

Python

Pandas/numpy/tensorflow

SQL

Public Speaking

Written Communication

Unity 3D

C#

Virtual Reality

PERSONAL PROJECTS

CSE Registration Game (09/2019 - 09/2018)

- Gamification of the registration process of newbies to CSE. The process is usually done with a conventional form, but that year, the new member would provide their information by talking to virtual representations of the club members. This helped motivate the members to join and making CSE stand out in comparison to the competition.

The Red One !! (02/2018 - 05/2018)

- A small but complete platformer game based off of an original concept, includes custom levels and bosses. The game was made in Unity3D and C#

VR Bike (04/2019 - 05/2019)

- Virtual reality mini game based on simulating motorbike riding, made with Unity and C#

Strange Invaders (10/2016 - 02/2017)

- Clone of the infamous "space invaders", made in Python without the use of dedicated game development libraries such as Pygame.

CERTIFICATES

GDG Algiers Dev Fest 3rd place contestant (10/2019 - 10/2019)

A hackathon about diversity and inclusion organized by the GDG Algiers, my part was backend development as well as pitching the idea

Algeria Student Programming Contest 2018

The first round of an international competitive programming event, my team, the invisibles, made it to 5th place in Algeria

One Million Arabic Coders data analysis track (03/2019)

Introduction to data analysis

Google Hash code 2019 participant (02/2019 - 02/2019)

A problem solving competition ran by GDG Algiers

SPOKEN LANGUAGES

Arabic

Mother tongue

English

Spoken and written Mastery

Français

Spoken and written Mastery

INTERESTS

Coding

Web

Mathematics

Reading

Poetry

Chess

Game development and design