Hakim Beldjoudi

An Inquisitive and energetic 2d year student at the Higher School of Computer Science - Algiers (ESI) looking for an internship to start my career.

✉ ih_beldjoudi@esi.dz
📞 (+213) 0770 25 80 13
📍 Algiers — Béjaïa, Algeria

⬛ hbFree   k hbfree   in hbFree   🌐 hbfree.github.io

TECHNICAL PROJECTS

Irman-Translator — *Nov 2019 — Now* | GITHUB

A language-rule based translator between *English* and *Tamaziɣt* written in Django (Python) and Vue.js.

CodeWin — *Feb 2019 — May 2019* | GITHUB

An E-Learning desktop app built in collaboration with classmates as a team leader using *Java (FX)*, *Python* and *MS Azure's MySQL*.

Machine-Learning-from-Scratch — *Feb 2019 — Now* | GITHUB

A set of explanatory iNotebooks and personal Python implementation of popular ML algorithms and Neural Networks built on top of numpy alone.

COVID-19-Kaggle-&Weather-Dataset — *Apr 2020* | *KAGGLE*

A Kaggle-Competition Dataset, it was the first to contain historical weather data enabling a Machine Learning approach to study its impact on the pandemic, I used Python *Pandas*, *API requests* and *BeautifulSoup* to retrieve data from multiple sources and create a rich well formatted csv dataset.

B Trees-on-C — *Jan 2020* | *GITHUB*

A simple, optimized and structure-adaptable *b-trees* implementation in C.

EDUCATION

Higher School of Computer Science - ESI, Algiers— *Master of C.S*

SEP 2018 - JUL 2023 (Still attending - now at 2nd year preparatory classes)

Where I achieved a strong foundation in maths, logic and coding by taking Calculus—IV courses, Algebra—III, OOP, File Structures, Logic, Computer Architecture—III, Probability and Statistics I/II and of course Algorithms and Data Structures.

— Both a *M.C.S.* and a *State Engineering Degree* will be earned at graduation.

Mouhali High School, Seddouk — *Baccalaureate of Maths*

— Graduated 1st in High School.

— Average: 17.19 / 20 — Maths mark: 20/20.

INTERESTS AND HOBBIES

— I love playing Classical-Jazz Music on Guitar (Yes ! I'm a Guitarist !).
— Reading articles and Answering questions on Quora is my other passion.

SOFT SKILLS

- Public Speaking
- Communication (Quadrilingual)
- Analytical and Critical Thinking
- Team Work

TECHNICAL (IT) SKILLS

— Tools

- CLion, IntelliJ IDEA, PyCharm
- Git, Github (& CLI)
- SceneBuilder (for javaFX)
- Vim
- MySQL Workbench, MS Access

— Languages

- Python
- Java (Desktop Dev with JavaFX)
- C/C++ and x86
- JavaScript (Vue.JS and JQuery)
- HTML/CSS.

— Databases

- MySQL and PostgreSQL.
- MongoDB

— Cloud Technologies

- Microsoft Azure
- Docker

— Machine/Deep Learning

- Scikit-Learn
- Keras

LANGUAGES

- English (Bilingual)
- French (Bilingual)
- Arabic (Bilingual)
- Tamaziɣt (Native)