Ilyas WADJINNY

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EDUCATION

CY Tech School of Mathematics and Computer Science   **Paris, FRANCE**
Msc in Applied Mathematics, Minor in Computer Science   *September. 2020 – June 2023*

- **Courses from the first an second year:** C/C++, Python, R, UNIX, Information Theory, WEB Development, Algorithmic, Databases, Data mining, Machine Learning, Advanced Probability, Graph Theory and Optimization, Mathematical Modeling, Inferential Statistics, Markov Chains, Monte-Carlo Simulation, Portfolio Management and Microeconomics, Parallel computing, Numerical methods for partial differential equations.

Lycée Jean Bart   **Dunkirk, FRANCE**
Preparatory class, Mathematics, Physics and Computer Science   *September. 2018 – June 2020*

- Advanced courses in mathematics, physics and computer science, to pass the highly competitive examinations, leading to the most prestigious schools of Science and Engineering in France "Grandes Ecoles".

EXPERIENCE

EvidenceB   **Paris, France**
Data Science & Machine learning   *December 2020 – August 2023*

- Developing an AI model to process raw data of 600k student and clustering them into groups, depending on their skills. Creating a dashboard to display the result, alongside with some useful information.
- Creating a pipeline to consolidate the data from multiple learning platforms into one format.
- Developing a tool that extract and transform data from our learning platform and calculate KPIs reflecting the students performance.
- Building a tool to visualize all the rules that manage the student's journey in the learning platform.

  - ∗ **Unsupervised learning & clustering:**   K-means, Scikit-Learn
  - ∗ **Data visualization & filtering:**   Matplotlib, NetworkX, Pandas
  - ∗ **DevOps:**   Docker, git, Jira
  - ∗ **Automated testing:**   Rest API, Selenium

TECHNICAL SKILLS

Languages:	Python, JavaScript, TypeScript, C, C++ SQL, R, Matlab, PHP, Scala, Java
Frameworks:	TensorFlow, MySQL, Scikit-Learn, Pandas, Numpy
Formatting Languages:	HTML, CSS, YAML, LaTeX
IDE:	Microsoft VS Code, Jupyter Notebook, Android Studio, Unity 3D, Eclipse
Devops:	Docker, Git/ Github, Jira
3D Conception:	Blender, Cinema 4D, Adobe After Effect, Adobe Photoshop

LANGUAGES

French:	Bilingual proficiency.
English:	Full professional proficiency.
Arabic:	Native proficiency.

INTERESTS

Coding:	Participation in CS events as a member of ATILLA association of code, as well as doing personal and team coding projects that can be found on my GitHub.
Soccer:	Participation in various football tournaments with the CY Tech team as well as my high school team.
Mathematics:	Participation in the National Mathematical Olympiad.