



Zied Mustapha

Strong assests:

- Artificial Intelligence / Machine learning algorithms and implementations
- Big data analysis and data processing
- Software engineering
- Full stack web developer

CONTACT

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- 🌐 more infos on my past projects at: www.zedm.info

ABOUT ME

Hard-working, creative and proactive student that loves computer science, data science, art and sport. Specialised in **Data Science**. Ambitious, eager to keep growing and evolving in my profession. Constantly developing new skills and abilities.

SKILLS

- Artificial Intelligence / Machine learning algorithms and implementations (mostly using Python frameworks)
- Big data analysis and data processing (Pandas / NumPy / SQL)
- Programming skills (in order of preference): Python, Java, Scala, Java-Script, C, C++
- Full stack web developper (HTML/CSS, Java-Script, AJAX, react, PHP, SQL)

LANGUAGES

French - Native
English - Fluent
Arabic - Proficient

EXTRA INFORMATIONS

- Age: 23 / Nationality: Tunisian
- European driver license: B
- Linkedin: <https://www.linkedin.com/in/zied-mustapha-420b5a1b1/>
- Chess master: 1st position in Moroccan Chess Championship junior 2016
- Music: Violin (3 years) and piano (7 years)
- Robotic: 1st place in French School Robotic Championship 2016

EDUCATION



(EPFL) Swiss Federal Institute of Technology Lausanne - Switzerland

Master's degree in Data Science (+ minor in Management, Technology and Entrepreneurship)
2021/2023

(EPFL) Swiss Federal Institute of Technology Lausanne - Switzerland

Bachelor's degree in Computer Science
2017/2021

PROJECTS

Aspect based emotion analysis for dialogue understanding

Classifier capable of performing aspect level emotion analysis on chit-chat oriented dialogue data using large language models and prompting (ongoing)

Research on effects of topology on decentralised classification

Research on the effect of particular network topology on a decentralised classification task. (2022)

Flow detachment analysis

Machine learning algorithms for flow detachment detection and measurement of tufts on an airplane for aerodynamic analysis. (2022)

Database for Cep135/Bld10p protein sequences

Algorithms made in Python aiming to search for specific proteins into multiple large databases. (2021)

WORK EXPERIENCE

Teaching assistant at EPFL| 2021-2023

Lausanne - Teaching assistant for the course "Object oriented programming" and "Information, calculus and communication" under Pr. Jean-Cédric Chappelier

Artificial Intelligence Workshop leader | 2022 - 2023

Lausanne - Artificial Intelligence Workshop leader in a Museum (Musée de la main) for high school classes

Academic mentor | 2020 - 2021

Academic Mentor for over 30 students to help them manage their way into a challenging university (EPFL)