



Zied Mustapha

Strong assets:

- 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 info on my past projects at:
www.zedm.info

🌐 [https://www.linkedin.com/in/
zied-mustapha-420b5a1b1/](https://www.linkedin.com/in/zied-mustapha-420b5a1b1/)

ABOUT ME

Hard-working, creative and proactive student that loves computer science, data science, art and sport. Specialised in **Data Science**.

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, JavaScript, C, C++
- **Full stack web developer** (HTML/CSS, JavaScript, AJAX, react, PHP, SQL)

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)

EDUCATION



(EPFL) Swiss Federal Institute of Technology Lausanne - Switzerland | 2021-2023

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

(EPFL) Swiss Federal Institute of Technology Lausanne - Switzerland | 2017-2021

Bachelor's degree in Computer Science

PROJECTS

Aspect based emotion analysis for dialogue understanding | 2023

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

Research on effects of topology on decentralised classification | 2022

Research on the effect of particular network topology on a decentralised classification task. ([git link](#))

Flow detachment analysis | 2022

Machine learning algorithms for flow detachment detection and measurement of tufts on an airplane for aerodynamic analysis. ([git link](#))

Database for Cep135 protein sequences | 2021

Algorithms aiming to search for specific proteins into multiple large databases. ([git link](#))

LANGUAGES

French - Native
English - Fluent

EXTRA INFORMATIONS

- **Age:** 23 / **Nationality:** Tunisian
- **Chess master:** 1st position in Moroccan Chess Championship junior 2016
- **Robotic:** 1st place in French School Robotic Championship 2016
- **Music:** Violin (3 years) and piano (7 years)
- **European driver license:** B