AYMEN HMID

ICT engineering student

📞 +216 22498623 ✉ aymen.hmid@etudiant-enit.utm.tn 📍 Tunis, Tunisia
💼 https://www.linkedin.com/in/aymen-hmid 🔗 https://github.com/aymenhmid
👥 https://zindi.africa/users/Aymen-Hmid

SUMMARY

An enthusiast data scientist student who takes pride in building models that translate data points into business insights. Used my skills to win some Data science challenges, now eager to apply the same knowledge to real-world business problems.

PROJECTS

- **Crowd estimator application**

  Develop and deploy a CNN network to predict the size of a crowd given an input image

  Keywords: CNN, CSRNet, Pytorch, Flask

- **Professional Career Engine**

  Assist people choose the career that fits them

  Keywords: Content based, Collaborative filtering

- **NLP: Mental Health Chatbot**

  Deliver a prototype of a mental health chatbot designed specifically for university students

  Keywords: RoBERTa, Transformers

INTERNSHIPS

Computer Vision Intern

XPR

📅 Aug 2020 – Sep 2020   📍 Tunis, Tunisia

- **Objective :** Automatic management of data intended for accounting firms and chartered accountants.
- **Task:** Build a custom OCR model to extract useful fields from invoices and receipts.
- **Techniques :** Python, OpenCV, YOLO, Faster R-CNN, Tesseract, NER

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NLP Intern

NEURODATA

📅 Jul 2020 – Sep 2020   📍 Tunis, Tunisia

- **Objective :** Overcome sentiment analysis task challenges
- **Task:** Fine tuning BERT
- **Techniques :** BERT, Pytorch, Embeddings, Transformers
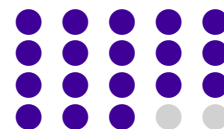
ACHIEVEMENTS

🏆 **3rd place winner at City Hack**

Extract information from legal documents to verify their authenticity (OCR, NER, OpenCV)

🏆 **8th rank in Sindy Logistics challenge**

Predict the estimated time of arrival (ETA) for motorbike deliveries in Nairoby

🏆 **14th rank UmojaHack Tunisia**

Predict the class of a protein kinase enzyme using its amino acid sequence

SKILLS

Python   C/C++   SQL   MongoDB
Power BI   Tableau   Pandas   Numpy
Flask/Django   Pytorch/Tensorflow   web scraping
Data Cleaning   Data Visualization

LANGUAGES

Arabic   ● ● ● ● ●
English   ● ● ● ● ●
French   ● ● ● ● ●
German   ● ● ● ○ ○

EDUCATION

Math-Physics Preparatory cycle

IPEIM Monastir

📅 Sept 2015 – June 2018

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Telecommunications engineering

ENIT

📅 Sept 2018 – June 2021

Signal System Techniques Master

Collaboration ENIT & Braunschweig

📅 Oct 2020 – June 2021