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Education

University of Badji Mokhtar Annaba
BS in Computer Science

Sept 2024 – Present

- GPA: 3.6/4.0
- **Coursework:** Mathematical Analysis, Probability and Statistics, Linear Algebra, Data Structures and Algorithms, Mathematical Tools For Programming

Experience

Nocode Hack
Procery

Annaba
Feb 2025

- Competed in a hackathon with 106 teams and placed in the top 5 through effective teamwork and problem-solving.
- Built a solution that automates review collection, report generation, and sentiment analysis to enhance customer service.
- Developed using Bubble, a no-code tool, enabling rapid prototyping and deployment.

Projects

UBMA CS-Hub

[github](#) 

- Developed a web platform for CS students to access organized study materials based on their year of study.
- Designed an intuitive system that categorizes resources by year, semester, and module to streamline navigation.
- Built using Next.js and PostgreSQL, with an admin dashboard for efficient content management.

Grades Analysis Tool

[github](#) 

- Developed a platform that parses PDF documents containing student grades and performs deep analysis using LLMs.
- Automated data extraction and interpretation to uncover performance trends and insights.
- Built using Python, Javascript, Postgresql, LLMs, and data visualization tools to assist educators in decision-making.

PaperMind

[github](#) 

- Developed a web app that enables users to upload PDFs and interact with an LLM for content-based queries.
- Improved information retrieval by implementing a RAG (Retrieval-Augmented Generation) system for accurate and context-aware responses.
- Built using Python, Javascript, PostgreSQL, and LLMs to deliver fast and reliable answers from uploaded documents.

Lexi

[github](#) 

- Collaborated with a team to develop a mobile app that allows users to read PDF files, highlight unfamiliar words, and receive translations.
- Integrated an AI system that generates context-based questions to reinforce vocabulary learning.
- Built using Flutter and LLMs, ensuring a seamless user experience and effective learning process.

Technical Skills

Languages: C, Golang, Python, SQL, JavaScript, Dart

Frameworks: Flask, Reactjs, Nextjs, Expressjs, Gin, Fastapi, Django, Flutter

Databases: Supabase, MongoDB, PostgreSQL, SQLite, Pinecone

Machine Learning: Tensorflow, Pandas, Numpy, Octave

Development: Git, Docker

Certificates

Coursera

- Supervised Machine Learning: Regression and Classification
- Advanced Learning Algorithms

Kaggle

- Intro to Machine Learning
- Pandas