Ayoub Barour

**Web development**

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# SUMMARY

I am a Computer Science Engineering student passionate about Data Science and Web Development, seeking to gain real professional experience and contribute to innovative technical projects. I possess strong fundamentals in programming and self-learning, and I am looking for an opportunity to develop my skills in a professional environment under expert supervision.

# PROFESSIONAL EXPERIENCE

Educational Platform Development (In Progress):

* Designed and developed an initial structure for a comprehensive educational platform (from primary school to baccalaureate level).
* Included core features such as sign-up, login, home pages, and contact, with the ability to browse diverse content (texts, images, videos) by levels, years, and subjects.
* Gained practical experience in user interface (UI/UX) design and understood the challenges of digital content management.

 Development of an Algerian Tourist Places Guide Website:

* Worked on creating a website showcasing "the most prominent places in each wilaya of Algeria."
* The project was based on the country's former administrative division (48 wilayas), enhancing my understanding of geographical data structuring.

 Feasibility Study and Design of a Car Rental and Sales Platform:

* Conceptualized and designed an initial layout for a website combining features of both sales and rental platforms.
* Analyzed the technical challenges related to implementing electronic payment gateways, expanding my knowledge of online transaction systems.

 Self-Learning in Data Science and Backend Development:

* Currently focused on intensive self-learning in Data Science using Python.
* Aim to apply this knowledge to analyze user behavior and predict their needs, with the goal of improving user experience on websites.
* Working on developing my skills in building backend systems for web applications, integrating data science concepts.

# PROJECTS

 Educational Platform Development (In Progress):

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# EDUCATION

 Baccalaureate in Experimental Sciences

* Score: 14.77
* Institution: Lycée Ibn Badis, Constantine (2024)

 Computer Science Engineering Student

* University: Constantine 2 University (September 2024 – 2029)
* First Year GPA: 13.40
* Core Coursework: Fundamentals of Algorithms using C programming language.

# skills

**Languages: Arabic (Native), English (Good), French (Basic)**

* **Programming Languages:** C, Python (fundamentals), HTML, CSS, JavaScript, PHP
* **Tools:** Git, VS Code
* **Principles & Methodologies:** UI/UX Design
* **Technical Skills:** Networks Security, Secure Communications
* **Personal & Soft Skills:** Problem Solving, Adaptive Learning, Critical Thinking, Passion for learning, Self-driven, Time management, Initiative, Conceptualizing and planning future projects.