Mohamed Amine Bacha

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EDUCATION

South Mediterranean University - MedTech | Lac, Tunisia   *September 2024 – June 2028*
Pre-Engineering Program (Year 2):
Full Excellence Scholarship Awardee.
Key Modules: Data Structure, Digital Systems, Programing (C).

Manouba School of Engineering | Manouba, Tunisia   *September 2023 – June 2024*
Pre-Engineering Program (Year 1):
Key Modules: Algorithmics and Python Programming, Data Analysis (Pandas, Matplotlib, Seaborn), Information Technology Security, International Computer Driving License.

Lycée Manzeh 9 | Tunis, Tunisia   *June 2023*
Baccalaureate specialty: Mathematics

WORK EXPERIENCE

- **UI/UX Design Freelancer | SOGO Startup**   *August 2024 – September 2024*
  Technology Used: Figma
    - Designed a comprehensive dashboard for Field Rental businesses (Web and Mobile)

- **Web Development Intern | ASQII – HealthTech Startup**   *June 2024 – July 2024*
  Technology Used: Figma / HTML / CSS /JavaScript / Firebase
    - Utilized Figma to design user interfaces to control chemotherapy medicine preparation machines.
    - Developed web applications to activate the machine, manage data, monitor and manage medication preparation processes.
    - Collaborated with a cross-functional team of electronic engineers, mechanical engineers, and designers to ensure seamless integration of the software with the machine.

ACHIEVEMENTS

- **Participated in SMU (South Mediterranean University) "Healthcare GenAI" hackathon:**   *(March 2024)*
- **Top 4 Finalist of the *'WeHelp'* a 24-hour Hackathon among 14 teams:**   *(February 2024)*
- **Top 5 Finalist of *'Green Remote Sensing 1.0'* Hackathon:**   *(November 2023)*
- **Commanded a 10-person team to victory in the IEEE MSE SB debate competition:**   *(October 2023)*
- **Nurtured the musical talents of over 60 students across 5 years of violin tutoring.**   *(2019 – 2024)*

VOLUNTEER EXPERIENCE

- **Technical Lead of GDG SMU** (Google Developer Group).   *(September 2024 – Present)*
    - Conducted 3 workshops on various technical topics.
    - Reached out to industry speakers for workshop sessions.
- **Member of GDSC SMU** (Google Developer Student Club).   *(February 2024 – June 2024)*
- **Member of ENSI MUSIC CLUB**:   *(October 2023 – June 2024)*
    - Orchestrated 2 events.
    - Moderated a 4-hour show engaging an audience of 200 people.
- **Member of IEEE MSE SB** (Institute of Electrical and Electronics Engineers).   *(September 2023 – June 2024)*

ADDITIONAL SKILLS

- **Languages:** Arabic (*Native Language*), French (Level *C2, DELF A2*), English (*CEFR B2*).
- **Programming Language:** Python (Experienced in application development and library creation), C.
- **Data Analysis:** Skilled in data manipulation using Pandas, Matplotlib libraries for AI model development.
- **Front End Developer:** Implemented web pages for school and personal projects using HTML/CSS.
- **Design:** Skilled in app and webpage prototyping using Figma.
- **Soft Skills:**
  - Eloquent in bridging the communication gap.
  - Effectively conveying ideas to both technical and non-technical audiences.
  - Versed in leveraging diverse perspectives to collaboratively solve complex challenges.

HOBBIES & INTERESTS

- **Music:** Played violin since the age of five with experience performing publicly.
- **Health Technology:** Invested in applying technology to healthcare solutions, demonstrated through participation in multiple hackathons and internship.