



HANA BEJAOU

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SUMMARY

I am a motivated Master's student in Computer Science with a Bachelor's degree in Electrical Engineering. Passionate about artificial intelligence, I actively enhance my development skills through hands-on projects and continuous learning. My strong foundation in engineering and programming drives me to create innovative solutions and stay ahead in this fast-evolving field. Skilled in software development, problem-solving, and AI concepts, I am eager to contribute and grow in challenging tech environments.

WORK EXPERIENCE

Intern, AI Engineer , Solid Wall Tunisia **Jul 2025 - Present**

- Developed an end-to-end intelligent agent capable of scoring resumes and matching CVs to job postings using Natural Language Processing (NLP) and Machine Learning techniques.

Intern, Automation Engineer , COTUSEM Tunisia **Feb 2023 - Jun 2023**

- Developed and implemented PLC programming (Siemens Step 7) for the automation of a water booster system designed for wheat cleaning. Designed and configured HMI using WinCC for real-time monitoring and control of the system. .

Intern, Automation Engineer , SOMEF Tunisia **Jan 2022 - Feb 2022**

- Programmed an automatic screw and nut assembly machine using TIA Portal.

Intern, Electrical Engineering , SOSOTEM Tunisia **Jul 2021 - Aug 2021**

- Gained valuable knowledge about professional work environments, where I learned to apply my theoretical knowledge to practical tasks. I adapted to the expectations of the workplace, I worked closely with the maintenance team.

EDUCATION

Master's degree in computer science **Sep 2024 - Present**

- Széchenyi István University.
- Awarded SH Scholarship for academic excellence

One-year Master's in computer development engineering, AI and robotics **Sep 2023 - Jun 2024**

- Higher Institute of Technological Studies

Bachelor's degree in Electrical engineering **Sep 2021 - Jun 2023**

- Higher Institute of Technological Studies
- Specialization: Automation and Industrial Computing

ADDITIONAL INFORMATION

- **Programming Languages & Libraries:** Python (NumPy, pandas, scikit-learn, spaCy), C, MATLAB, VHDL, Ladder Logic.
- **Automation & Control:** PLC programming, HMI development, SCADA Systems, Industrial Networks, Control Systems Design.
- **Data Analytics & Platforms:** Python data Analytics, Linux system.
- **Soft Skills:** Team Leadership, Problem Solving.
- **Languages:** Arabic, French, English.
- **Certifications:** Certificate of participation in robotics competitions Machine Learning, Certification from FreeCodeCamp; English Proficiency Certification from EF Set, Certificate of training as a junior robotics instructor.
- **Organizations:** Red Crescent Club, Member. Robotics Club, Logistics Manager. IEEE; Member.