

Manal El Barnichi

44600,Saint-Nazaire,France • +33767136786 • manalelbarnichi@gmail.com

SUMMARY

Productive Electrical Engineering student seeking to develop project management skills and experience towards leadership role at Engie .

EXPERIENCE

Assistant MPE Engineer, 08/2022 - 08/2022

RADEM - Meknès, Morocco

- Conducted field inspections to identify defects at system and component level. Recommend potential interventions to improve overall asset condition and meet benchmark performance requirements . Prepared detailed reports to support condition assessment findings and certify inspection results against applicable building codes .
- Analyzed inspection data to identify trends and monitor the effectiveness of some RADEM's machines to proactively maintain its assets in a steady state and good repair.
- Engaged in document research , investigations , studies ,examinations and testing as they related to the functions or activities of the Capital Needs Assessment Team.

PROJECTS

TIPE project about drones , which focuses mainly on the use of drones in the agricultural field and realization of two experiments, the first one determines the distance for which a drone can throw the fertilizer on the plants and the second one consist on the realization of a color sensor based on a photoresistor that uses less energy and allows us to know the state of health of a plant from the color of her leaves.

LANGUAGES

Arabic: C2 Proficient **French:** C1 Advanced

English: C1 Advanced

COMPUTER SKILLS

- C programming language
- Python programming language
- Java programming language
- Word & Excel

SKILLS

- Checking cool box temperatures
- Engineering management
- Geotechnical engineering
- Competitive product reviews

EDUCATION

Electrical Engineering, 2024

Polytech Nantes - Saint-Nazaire , France

Physics and Engineering science , 2021

Omar Ibn AlKhattab - Meknes , Morocco