Kaoutar BEN KADDOUR
2 rue de Saintonge
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Kaoutar-1992@outlook.fr

INDUSTRIAL SYSTEMS ENGINEER
Industrial Production/Renewable Marine Energy
(anticipated graduation date December 2020)

STUDIES AND CAREER HISTORY
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2017-2020 Engineering School, ESIX Normandie Cherbourg, concentration in Industrial Systems Engineering, emphasis on Industrial Production/Renewable Marine Energy.

- 03/2020 - 08/2020: Engineer internship 26 weeks, Primo Energy, USA
  - Designing & testing hybrid solar/wind charge controller
  - Performing data analysis on tested technologies
  - Assisting the team during installations
  - Optimizing a permanent magnet generator based on data analysis
  - Writing / Debugging code

- 07/2019 – 08/2019: Technician internship 9 weeks, Saint Martin's Institute, Malta
  - Virtual reality prototypes improvement
  - Understanding the requirements of the systems
  - Analyzing current prototypes & Brief the team on improvements made

- 07/2018 – 08/2018: Operator internship 6 weeks, PUNCH Powerglide, France
  - Manual or semi-automatic assembly of at least 650 subassemblies for automatic gearbox manufacturing
  - Loading and unloading assembly parts and checking for defects

- Research project: design of a tidal turbine and quantification of supplied energy, prototype complies with electrical standards.

- Studied:
  - Onshore/Offshore Project Engineering
  - Onshore/Offshore Installation Work & Logistics Planning
  - Technical & Environmental Studies
  - Project Lifecycle (Studies/Conception/Installation/Operations & Maintenance)
  - Energy Conversion & Storage Technologies
  - Transformation & Management of Electrical Energy
  - Project Management
  - Production Management & Process Improvement Techniques
  - Industrial Marketing

2015-2017 DUT 2-year higher diploma in Industry and Maintenance, IUT Thionville-Yutz, France.

- 04/2017 – 06/2017: Technician internship 10 weeks, SMS Industriels, Morocco
  - Setting up a computer-assisted maintenance management system with software SAGE 100
  - Organizing spare parts shop and workshop, the 5S method
  - Undertaking corrective and conditional maintenance of pump and fan motors
  - Managing stock, bills, customers, suppliers and quotations with software SAGE 100: filled100 orders after 2 weeks
  - Analyzing the content of the software SAGE 100 database

- Research project: programmed a sliding gate with the Millenium 3 PLC, prototype compliant with electricity standards and non-destructive testing of defects

- Studied:
  - Electrical Engineering: electricity, analog electronic, electrotechnic, power electronic and automatic
  - Mechanical Engineering : fluid mechanics and general mechanics
  - Computer: assisted maintenance management

2013-2015 Studies in applied mathematical sciences, University Mohamed I, Oujda, Morocco

2013 Baccalaureat major in mathematics, lycée El Badissi, Morocco

OTHERS
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- Robotik Association Member: responsible for robot conception for French competition

- IT: Office suite, Millenium3 Crouzet, Gantt Project, SAGE 100, Ms Project, FLEXSIM, See Electrical, Ki Cad, SIMATIC STEP7, DipTrace, Python

- Languages: Business English (TOEIC 820, March 2019), French: fluent, Spanish : Conversational

- Sports: Swimming, volleyball