

Soufiane DAHIMI

Industrial Engineering Student | Aspiring Data Scientist

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EXPERIENCE

CITIC DICASTAL | PROCESS ENGINEERING INTERN

August 2022 – September 2022 | Kenitra, Morocco

- Observed manufacturing process from melting, casting, heat treatment to machining and painting.
- Conducted risk assessment and Process FMEA to the heat treatment process.
- Came up with a set of actions to mitigate the potential failure modes and ultimately decrease the loss to the factory in terms of money time and quality.

OCP S.A. | RELIABILITY AND MAINTENANCE INTERN

June 2022 – July 2022 | Ben Guerir, Morocco.

- Shadowed the maintenance department to gain insight into the maintenance of machinery and installations.

EMINES TECHNOLOGY CLUB | PROJECT MANAGER

May 2021 – May 2022 | Ben Guerir, Morocco

- Worked with the the organizing committee of the National Robotic Competition, which hosted over 100 engineering students from all over Morocco.
- Organized Robotics workshops for EMINES students. They covered microcontrollers (Arduino), mechanical design (SolidWorks), and user interfaces (Processing).

PROJECTS AND ACHIEVEMENTS

MARS ROVER PROTOTYPE | 3D DESIGN, JAVA, DJANGO, HTML&CSS

2021

- Collaborated with a team of three engineering students in a project to build a scaled-down version of the Mars Rover Robot.
- Designed a 3D model using SolidWorks.
- Built a web interface to command the robot using Django, HTML&CSS and JavaScript.

WASTE HEAT RECOVERY SYSTEM | MARKET RESEARCH, INDUSTRIAL ENGINEERING

2022

- Worked with a team of 12 people along with our client BMTA&C to study the implementation of a waste heat recovery system into an industrial process.
- Conducted market research and technical optimization for integrating the system in a typical African industry.

EDUCATION

MOHAMMED VI POLYTECHNIC UNIVERSITY

EMINES- School of Industrial Management

Sep 2019 - 2024 | Ben Guerir, Morocco

Relevant Coursework: Optimization, Industrial Thermodynamics, Robotics, Economics, Linear Algebra, Calculus, Chemistry, Machine Learning, Databases, Physics, Programming

Cum. GPA: 3.85 / 4.0

SKILLS

PROGRAMMING/TOOLS

SQL • Python • Java
JavaScript • CSS&HTML • Django

DATA SCIENCE

EDA • Tableau • Machine Learning
Data Cleaning • Excel • Statistics

INDUSTRIAL ENGINEERING

Operations Research • Lean Sigma
CAD • Process Engineering
Risk Analysis • Automation

SOFT SKILLS

Adaptability • Teamwork
Problem Solving • Communication

LANGUAGES

- English
- French
- Chinese (HSK1)
- Arabic