



Thameur Chaouch

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Professional Summary

As an experienced textile engineer with a background in industrial processes, I am eager to apply machine learning to real-world problems. I have achieved a 10% reduction in knitwear costs and a 5% increase in washing/dyeing profits at Benetton. I improved subcontractor efficiency from 35% to 60% through cross-functional teamwork. Currently, I am seeking a career change into the field of artificial intelligence.

Education

- **Holberton School Lac 1**
 - Expected Graduation: July 2024
 - Compute Science Engineer's degree with Specialization in Machine Learning
- **National Engineering School of Monastir, Monastir**
 - September 2015 - July 2018
 - Textile Sciences and Engineering
- **Preparatory Institute for Engineering Studies of Monastir (IPEIM), Monastir**
 - September 2013 - June 2015

Work Experience

Method Engineer, Benetton Group — Solisse, Tunisia

December 2019 - April 2023

- Developed and executed daily cost calculations for crushers across cutting, sewing, and finishing operations, resulting in a 10% increase in cost accuracy and facilitating data-driven decision-making for optimization initiatives.
- Analyzed sewing line operations, reevaluated tailoring costs, and compared them to internal benchmarks to successfully resolve 3-4 price reclamation cases per month, achieving a cost savings of \$50,000 annually while maintaining high product quality standards.
- Led two efficiency projects with a new subcontractor to increase efficiency from 35% to 60%, improve workflow, and enhance productivity.

Junior Consultant, Kaizen Institute, Ltd, Tunis — Tunis, Tunisia

January 2019 - August 2019

- Conduct daily checks on the progress of 1-2 lean manufacturing projects led by seniors, covering various methodologies such as VSM, SEMD, and 5S.

Certifications

- **AMIDEAST**: Tunisia Level 7 (Intermediate)
- **EP SET**: English Certificate 62/100 (Advanced)
- **Coursera**:
 - Google Cloud
 - Computer Vision Fundamentals with Google Cloud
 - Natural Language Processing on Google Cloud
 - DeepLearning.AI
 - Deploying Machine Learning Models in Production
 - Generative AI with Large Language Models
 - Meta
 - API with Django

Skills

- Machine Learning:
 - Computer Vision (Yolo, object detection)
 - Unsupervised and Supervised Learning
 - Clustering Techniques (K-means)
- Frameworks & Libraries:
 - TensorFlow, TensorFlow Serving
 - Keras, OpenCV, NumPy, Gensim, Scikit-learn
- Development Tools & Methodologies:
 - Docker, Kubernetes
 - Git, GitHub Actions, GitHub serving
- Web Development:
 - Django, Flask, FastAPI
- Programming Languages: Python, SQL
- Languages: Arabic (Native), French (B2), English (C1)

Soft Skills

- Problem-solving

- Teamwork

- Adaptability