



Thameur Chaouch

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[GitHub](#) | [Linked-in](#) | [Portfolio](#) | [Hugging face](#)

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

- Conducted daily cost calculations for cutting, sewing, and finishing operations, improving cost accuracy by 10% and enabling data-driven optimization.
- Analyzed sewing line operations, reevaluated tailoring costs, and resolved 3-4 price reclamation cases monthly, saving \$50,000 annually while ensuring high product quality.
- Led two efficiency projects with a new subcontractor to increase efficiency from 35% to 60%, improve workflow, and enhance productivity.
- Automated daily cost/article calculations using Python and Pandas, increasing efficiency from 3 to 8 calculations per day.
- Integrated operation/standard time data from Excel into MySQL database, to facilitate seamless integration by the IT team into the ERP system

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

- **Hugging face:**
 - Deep Reinforcement Learning Course
 - Audio Course
- **Coursera:**
 - [Google Cloud](#)
 - Computer Vision Fundamentals with Google Cloud
 - Natural Language Processing on Google Cloud
 - [DeepLearning.AI](#) : Deploying Machine Learning Models in Production
 - [Meta](#) : API with Djang

Skills

- **Machine Learning:**
 - Computer Vision (Yolo, object detection)
 - Unsupervised and Supervised Learning
- **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 , C Programming, javascript
- **Languages:** Arabic (Native), French (B2), English (C1)