

# Jaime Barros

INDUSTRIAL ENGINEER



## PERSONAL PROFILE

Recent graduate in Industrial Engineering and Management with strong academic training oriented towards productive processes and operations management. Motivated by challenges, with a solid ability for critical analysis and problem-solving. I seek to further develop technical and managerial competencies within dynamic contexts, contributing to operational efficiency and continuous organizational improvement.

## SOFTWARE

- C#/C++
- Python
- Power BI
- Microsoft Office
- AutoCAD
- Microsoft SQL
- Fusion360
- Matlab e Simulink
- Flexsim
- Minitab

## CONTACT INFORMATION

- ☎ (+351) 926272506
- ✉ jaimebarrostr@gmail.com
- in @jaime-barros-w

## SKILLS AND SOFT SKILLS

- Industrial process management and optimization
- Production planning and control
- Implementation of Lean methodologies (Kaizen, 5S)
- Utilization of ERP systems and integrated management tools
- Statistical analysis and data interpretation
- Intermediate-advanced proficiency in Microsoft Excel
- Basic knowledge in Python programming
- Critical thinking and analytical capabilities
- Excellent interpersonal communication and teamwork
- Efficient organization, planning, and task management
- Proactivity, autonomy, and adaptability to dynamic contexts
- Results-oriented with practical problem-solving approach

## ACADEMIC BACKGROUND

### Degree in Industrial Engineering and Management

*University of Trás-os-Montes and Alto Douro*

- Development and implementation of practical projects optimizing production processes using Lean methodologies and management tools.
- Conducted statistical studies and data analysis aimed at continuous improvement in industrial and logistical processes.
- Active participation in multidisciplinary academic projects, demonstrating teamwork, organizational skills, and effective communication.

### Internship in Industrial Engineering and Management

*Carvalho e Mota*

- Collaborated in analyzing and optimizing industrial processes to reduce costs and enhance productivity.
- Supported the implementation and monitoring of ERP systems for integrated production management.
- Participated in the preparation and presentation of technical reports and statistical analyses that informed strategic company decisions.

LANGUAGES

Portuguese: Native  
English: Fluent

DRIVING LICENSE

Category B, B1 – Light motor vehicles

EXTRACURRICULAR ACTIVITIES

Industrial Engineering and Management Student Association

Board Member

- Coordinated academic events and workshops related to industrial engineering, promoting student engagement.
- Led teams in organizing and conducting technical debates, encouraging idea exchange and critical thinking.
- Actively collaborated in strategic planning and management of association activities, strengthening leadership and communication skills.

Volunteer Work

Participated in the "Vigilantes da Natureza" program within the "Voluntariado Jovem para a Natureza e Florestas," at the Parish Council of S. Martinho de Antas.

UTAD Summit

Organization Member

EGI Talks

Organization Member

Technical support technician during the 2024 European elections

Mini-Mercado Barros

Stock replenisher at Mini-Mercado Barros