

# ANDRÉ CUNHA

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LOCATION: Porto - Portugal

## SUMMARY

I'm a Metallurgic and Materials Engineer working in a manufacturing context for the last few years. Pragmatic, persistent, detail-oriented, proactive, entrepreneur, calm, and accountable are some words that characterize me. My main experience is with metalworking, both in designing components or on the shop floor working with operators and machines. Always thinking about quality, aesthetics, functionality, and production cost, in the last 8 years, I have created, designed, and was responsible for the industrialization of new products. As head of two departments, I'm used to managing people and management processes.

## EDUCATION

### ISQ - Instituto de Soldadura e Qualidade

Course - Machinery Directive 2016/42/EC in 2018

Course - Quality Control of Industrial Painting in 2015

### ISQ - Instituto de Soldadura e Qualidade

Mar. 2015 - Jan. 2017

Post-Graduation - European/International Welding Engineer (E/IWE)

### FEUP - Faculty of Engineering of the University of Porto

Sept. 2007 - Oct. 2012

Master in Metallurgical and Materials Engineering

**Mobile/Erasmus Program - Universidade Federal do Rio de Janeiro** Aug. 2011 - Jan. 2012

## EMPLOYMENT

### Fernando Pinto Catão & Irmão, Lda, *Production Engineer*

Nov. 2015 - Current

Head of Production and Planning in the Laser Cutting, Bending, and Welding sector.

Head of Technical Department.

Mechanical Design, Budgeting, and Industrialization of new products.

Manage Outsourced Activities with external stakeholders.

### Metalgalva - Irmãos Silva, S.A., *Quality Engineer*

Apr. 2014 - Oct. 2015

Ensure the quality of products and manufacturing processes. Fulfill customer's technical specifications. Manage non-conformities and customer complaints. Conduct corrective and preventive actions. Carry out product inspections/audits at different stages of production. Perform destructive and non-destructive tests.

### SMT - Smart Manufacturing Technology Portugal, *Junior Engineer*

Dec. 2012 - Nov. 2013

Mechanical design of components for wind turbine gearboxes using CAD/CAE tools (Solidworks/Ansys). Creation of assembly manuals and technical specifications.

### FERESPE, *Research and Development (R&D) - Master Thesis*

Mar. 2012 - Oct. 2012

Study of the heat treatments of a tool steel obtained by casting.

## SKILLS

**LANGUAGES:** Portuguese (Native), English (C1), Spanish (B2)

**TECHNICAL:** CAD - Solidworks, ERP - Primavera, Esthetics Design, Mechanical Design, Technical Drawing, Budgeting, Laser Cutting, RADAN Softwares, Sheet Metal Bending, Welding and Brazing, Corrosion Resistance, Mazatrol Programming (CNC Turning), FANUC Programming (Welding Robot), Quality Control, Industrial Painting, Metalcasting, Liquid Extraction (Beer, Wine and Water), Destructive and Non-destructive Test

**COMMUNICATION AND LEADERSHIP:** Project Management, Team Leadership, Supplier Communication, Customer and Final Customer Communication

**MANUFACTURING MANAGEMENT:** Shop Floor Layout, Equipment Acquisition, Industrialization, Continuous Improvement, Process Control and Traceability, Assembly/Productions Lines, KPI Creation

## AWARDS

### Two Industry Awards

Best application grade in the Master in Metallurgical and Materials Engineering - 2007;

Best student of the 1st year of the Master in Metallurgical and Materials Engineering - academic year 2007/2008.

## VOLUNTEERING

### Grupo de Ação Social do Porto - G.A.S.Porto, *Volunteer*

Volunteer work with young teenagers (at Casa do Vale - Crescerser, Porto) and other social projects. Coordinator of Volunteering Projects and Fund-raising Events. Three Humanitary Missions in Mozambique.