

# Emmanuel A. Siqueira

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## *Personal details*

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**Date of birth** 19 June 1988  
**Nationality** Brazilian  
**Linkedin** <https://de.linkedin.com/in/eambrosio/en>

## *Education*

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2008 – 2015 **Bachelor of Mechanical Engineering**  
Universidade Federal de Minas Gerais, Brazil

2013 – 2014 **Bachelor of Engineering (Honours) in Mechanical as Exchange Student**  
Galway-Mayo Institute of Technology, Ireland

2017 – Current **Post-graduate program in Clinical Engineering**  
Albert Einstein Israeli Hospital, Brazil

## *Professional Experience*

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09/2016 - Current **Innovation Consultant**  
Captamed Continuing Care, Brazil

Development of biomedical products, registrations of trademarks and patents, registrations with regulatory agencies (ANVISA, INMETRO and others). Responsible for elaboration of prototypes, tests and structuring production in scale.

01/2015 – 03/2015 **Industrial Maintenance Management Intern**  
Fibria Celulose, Brazil

Conduct and accompanying activities of corrective, preventive and predictive maintenance, in order to maintain the plant and its equipment in good operating condition with a view to safety, quality and cost.

08/2014 – 12/2014 **Incubation Advisor**  
Inova Business Incubator UFMG, Brazil

Management of seven startups on the execution of its Technological Plans and implementation of Lean Startup method based on Lean manufacturing system. Member in selection board for new technological projects. Attendance to independent entrepreneurs. Coordination of a team of 20 university students enrolled of giving support to the incubated startups.

- 05/2014 – 07/2014      **Research Assistant Intern**  
 Gmedtech GMIT, Ireland  
 Design, development and manufacture of a *Bio Simulator for Training Bronchoscopy Procedures* used for training junior clinicians presented at the International Workshop of Bronchoscopy held in Galway, Ireland.  
 Project, design and manufacturing of an innovative standing wheelchair.
- 02/2013 – 06/2013      **Incubation Advisor**  
 Inova Business Incubator UFMG, Brazil
- Implementation of a Strategic Plan for the incubator, conduction of Technical Feasibility Studies, Market Projections, Technological Plans and Business Plans for technologic-based startups.
- 06/2011 – 10/2012      **Piping Draftsman**  
 EPC Engineering, Brazil
- Elaboration, supervision, dimensioning, drafting, modeling, preparation of bill of materials, emission of documents of Industrial piping projects of diverse complexity.
- 12/2009 – 06/2011      **Mechanical designer**  
 TMF Projects, Brazil
- Detailing, drafting, design, modeling, elaboration of bill of materials and emission of documents for projects of vehicle assembly lines components for several companies such as FIAT, GM, BMW. Supervising and training a team of two interns.

## **Languages**

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Portuguese	Native
English	Fluent (C2) – York University, Canada
Spanish	Intermediate (B2)
German	Intermediate (B1) – Kolping Academie, Germany

## **Skills**

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Lean Manufacture	
Product development	
Business development/management	
Mechanical Projects	
AutoCad	Very good
AutoCad Plant 3D	Very good
Catia V5	Very good
SolidWorks	Very good
MS Office	Very good
Excel	Very good
MS Project	Very good
Unigraphics NX5	Intermediate
Ansys	Intermediate