



## Nathália Mello



### Education

- Mechanical Engineering, UFMG, 2017.
- Master's degree in Mathematical and Computational Modeling, CEFET-MG, 2015.
- Graduated in Materials Engineering, CEFET-MG, 2013.

### Specialties

- Programming.
- Granular materials computer simulations.

### Courses

- Jan/2015 – Mar/2015: Internship for the master studies at *Laboratoire 3SR* from *Université Joseph Fourier*, Grenoble, France.
- Mar/2013 – Mar/2013: Research project about: Assessing the contact forces from a kinematic field at *Laboratoire 3SR*, Grenoble, France.
- Jan/2012 – Mar/2012: English course at *English Language School (ELS)* in Santa Barbara, California/USA.

### Languages

- Advanced English.
- Intermediate French.
- Native Portuguese.

### Professional Experience

#### **2016 – Present: MiningMath Software Ltda - ME**

CNPq Scholarship:

- SimSched software development team.

#### **2015 – 2016: Minerium Desenvolvimento – Mechanical Projects**

Legal person – providing services:

- Elaboration of technical specifications of equipment and machines.
- Calculations of metallic structures using the software SAP2000.
- Elaboration of mechanical calculations of Belt Conveyor, Screw Conveyor and Bucket Elevators.

#### **2013 – 2013: Célio Plásticos de Engenharia Ltda**

Internship:

- Technical purchases and sales.

#### **2012 – 2012: CEFET-MG**

Monitor:

- Vector Algebra and Analytical Geometry.



**2011 – 2012: Fundação de Amparo à Pesquisa do Estado de Minas Gerais - FAPEMIG**

Research project:

- Granular materials computer simulations.

**2010 – 2010: CEFET-MG**

Monitor:

- Experimental Physics.