

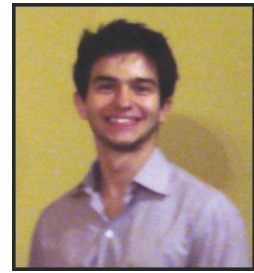
Full Name: Mauricio Hegues Baiocco

Birth Date: 04/30/1992

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Brazilian, single



EDUCATION

- **2010. In progress.** Bachelor's in Mechatronic Engineering
GPA: 3.56 (Equivalent grade to 8.9 out of 10, as in University of Sao Paulo)
University of Sao Paulo, USP. Sao Paulo, Brazil
- **2013. In progress.** Undergraduate student in the major of Engineering
University of California – Berkeley, UCB. California, United States of America

RESEARCH EXPERIENCE

- **2012.** Undergraduate research project: "An initiation on Nonlinear Solid Mechanics with biomechanical applications using the Finite Element Method" (FAPESP – Sao Paulo, Brazil)
Description: development of a 2D formulation via Finite Element Method to design the muscular behavior. Study of concepts for biomechanical materials. Make tests in static projects with muscular structures using a heterogeneous constitutive model for passive tissues. Improve simple biomechanical tests for active forces in articulate structures (arm) using basic anatomy and an illustrative two-dimensional discretization.

PROFESSIONAL EXPERIENCE

- **2008-2012. Nova Assessoria Office**
Served as apprentice, during summer vacations
Typing Department

SPECIAL SKILLS

- Fluency in English – Grade 93 in TOEFL Exam, taken in July/2012
- Hardware Complementary Course – During 6 months at Microcamp, Rio Claro – Sao Paulo, Brazil (2007)
- Proficiency in Microsoft Office Suite (Word, Excel, Power Point)
- Knowledge in the following softwares: ANSYS®, Solid Edge® and MATLAB®
- Excellent managing abilities, proactive thinking and competence to work as a team