

Bruno Ferreira De Santi Murino

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Visa status: Italian citizen

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EDUCATION

- **Coursera**
Deep Learning Specialization by Andrew Ng Nov. 2018 – Dec. 2018
- **University of São Paulo** São Paulo, Brazil
Master of Science in Physics; Dropped out July. 2017 – July. 2018
 - **Relevant Coursework:** Quantum Information, Quantum Mechanics, Formation and Evolution of Galaxies.
 - **Research:** Research on Category Theory/Categorical QFT funded by CNPq.
- **University of São Paulo** São Paulo, Brazil
Bachelor of Science in Physics; 8.1/10.0 (Equiv. UK First Class Degree) Feb. 2014 – July. 2017
 - **Relevant Coursework:** Courses on Data Processing, Statistical Methods and Statistical Mechanics.
 - **Research:** Introductory research on String Theory funded by FAPESP.

EXPERIENCE

- **Ernst & Young** São Paulo, Brazil
IT Consultant Dec. 2017 - Mar. 2018
 - **IT Consultant:** I was part of the team responsible for helping external auditors deal with the vast amounts of financial data, up to 200 million transactions, by using softwares such as ACL and MS Excel. During my period there I was in charge of 2 major clients, one of them being one of the biggest aviation companies in Latin America, which at the time was ending its fiscal year.
- **University of São Paulo** São Paulo, Brazil
Teaching Assistant Aug. 2017 - Dec. 2017
 - **Teaching Assistant - Physics IV:** Third year course of the BSc in Physics. The course had around 80 students enrolled. I gave weekly lectures, graded problem sets, and conducted weekly recitation sessions. Topics included were Optics, Special Relativity, and Covariant Formulation of Electromagnetism.

PROGRAMMING SKILLS

- **Languages:** Python, SQL, ACL, Matlab, HTML, CSS, JavaScript.

PROJECT

- **ETEC (Technical Public School)** São Paulo, Brazil
Volunteer Physics Teacher July 2016 - July 2017
 - **Volunteer Physics Teacher:** Weekly lectures on physics were given to high school students of ETEC Jaraguá aiming to improve results on the Public Schools Brazilian Olympics of Physics (Olimpíada Brasileira de Física das Escolas Públicas)(OBFEP).

LANGUAGES

- **English:** Fluent (IELTS 7.5) **Portuguese:** Native **French:** Basic

AWARDS

- **Queen Mary's International Science and Engineering Excellence Award** London, UK
Upon application to MSc in Theoretical Physics (Declined offer) Aug. 2018
 - **Description:** To reward academic achievement and help attract the brightest and best students from overseas.