

EDUCATION

- **Coursera**
Deep Learning Specialization by Andrew Ng Nov. 2018 – Dec. 2018
- **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:** I took some courses on Data Processing and Statistical Methods

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 it's 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.

PROJECTS

- **QuantSoftware Toolkit:** Open source python library for financial data analysis and machine learning for finance.
- **Github Visualization:** Data Visualization of Git Log data using D3 to analyze project trends over time.
- **Recommendation System:** Music and Movie recommender systems using collaborative filtering on public datasets.
- **Mac Setup:** Book that gives step by step instructions on setting up developer environment on Mac OS.

PROGRAMMING SKILLS

- **Languages:** Python, SQL, Matlab, HTML, CSS, JavaScript.
- **Technologies:** TensorFlow, Keras, Pandas, Apache Spark, Seaborn, Bokeh.