Francisco Portilha

BS² Econometrics and Economics

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Double bachelor fourth year student in econometrics and economics, a fast learner, a very analytical and creative person and someone who loves puzzles and numbers. My personal goal is to expand and share my knowledge of mathematics and economics, through extensive studies and new challenges, to prepare myself for a future career in data science. I would love to become an active member of EFR to help make every student's life better, hence, I am looking for a position in a comity where I can also apply the knowledge I have acquired in my bachelor and improve my practical experience in consultancy.

EDUCATION

Double Bachelor in Econometrics and Economics **Erasmus University Rotterdam** 📅 September 2018 – Present

Relevant coursework:

- **Minor in Advanced Computer Science**
  Learned about relational databases, formal relational query languages to express data, determination of optimal databases, working with SQL software (MySQL), machine learning methods for classification (decision trees and SVM) and clustering (k-means and hierarchical clustering), recursion, computational time BigO notation, and semantic web languages for storing and querying data (XLM, DTD, XQuery, XSLT, RDF, RDFS).
- **Econometrics Bachelor**
  I learned about the core of mathematical and statistical analysis, and more advanced mathematical topics in econometrics - multivariate statistics, econometrics 1 (OLS and NOLS), markov chains, simulation, marketing, econometrics 2 (diagnostics, model adjustments and qualitative variable models) and time series.
- **Economics Bachelor**
  Major in Policy Economics - Learned methods for impact evaluation (fixed effects, DiD, IV, RDD).

European Baccalaureate **European School of Brussels** 📅 September 2015 – July 2017

- Higher level subjects: Strong mathematics, Advanced mathematics, Economics, Physics and Philosophy.
- Tutored mathematics to 3 younger students once a week. I learned how to teach, motivate people, manage time and communicate more effectively, and, helped improve my students grades.

EXPERIENCE

Junior Developer **Leaflets.io** 📅 May 2022 – August 2022

- Back-end developer of an ETL data pipeline in developing stage, working on connecting the API and the database. For example, a variable was named incorrectly and I pointed it out, then I was charged with changing it in the base code, in the database and in the tests.
- Discovered a lot about teamwork tools and skills to organise work in highly demanding industries.
- Had an initial training of 2 weeks where I did various courses about programming, data engineering and DevOps skills (JavaScript, Node.js, SQL, Git, Docker).

Sales Assistant Internship **Ferragens do Marquês. Lda** 📅 July 2016

- Part of high-school internship program. Assisted in managing inventory and demand, receiving and preparing orders. Learned how communication and organisation need to take place for a corporation to function.

SKILLS AND INTERESTS

- **Skills:** Econometric analysis, data science, SQL, EViews, R, java, javascript, learning python.
- **Languages:** Fluent in English, French and Portuguese. Limited working proficiency in Spanish and Swedish.
- **Interests:** Mathematics, politics, sports, chess, guitar and piano.