Leonardo Torres

Researcher

Phd Student - Network Science Institute, Northeastern University

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www.github.com/leotrs ⚙

www.leotrs.com 🖥

Work Experience

02/2012 - 01/2014   *Lima, Perú*

Research Programmer
Wolfram Research South America

Tasks/Achievements

- Content development for the Wolfram|Alpha knowledge engine.
- Geographical algorithm development.
- Product of this tenure is live and freely available online.
- Youngest member of the first Wolfram Research South American team.
- Held full-time position while studying part-time.

01/2015 - 03/2015   *Lima, Perú*

Instructor - Introductory Real Analysis Summer Workshop
Pontificia Universidad Católica del Perú

Tasks/Achievements

- Conceived and organized the workshop.
- Gave ~10 lectures and graded homework.

08/2013 - 05/2014   *Worcester, MA*

Foreign Language Assistant
College of The Holy Cross

Tasks/Achievements

- Directed Spanish conversation lessons, focusing on speaking, listening and cultural sharing.
- Basic, intermediate and advanced levels.

Education

09/2016 - Present   *Boston, MA*

Network Science PhD
Northeastern University

Courses

- Graph Mining
- Dynamical Networks

03/2016 - 07/2016   *New York City, NY*

Programming Retreat
The Recurse Center

Courses

- Python
- Algorithm Design & Analysis
- Haskell & Category Theory
- Agent-based simulations

03/2009 - 07/2015   *Lima, Perú*

BS Mathematics
Pontificia Universidad Católica del Perú

Courses

- Focus on Probability Theory
- 3.4 GPA

08/2013 - 05/2014   *Worcester, MA*

Part-Time Student
College of The Holy Cross

Courses

- Biology - Evolution
- Dynamic Systems
- Fundamentals of Music
- Cognitive Neuroscience

Skills & Competences

Python

Math

Mathematica

Linux

Emacs Lisp

C

Personal Projects

www.erdosnet.work - Problem based NetSci

- "erdos" is a website with educational programming challenges for learning about Network Science

Achievements

Top 3% of students during undergraduate studies
From 23,000 students in 75 years of the Department of Sciences and Engineering

GRE percentiles: verbal - 88th, quant - 93rd, writing - 82nd (10/2015)

Languages

Spanish
Native or Bilingual

English
Native or Bilingual

French
Beginner

Interests

Open Source / Open Science | Diversity advocate | Endurance sports | Beginner cello player