ENG

Federico del Mazo

Résumé

+54 911 6110 1997 • 011 4656 4494 • fdelmazo@fi.uba.ar
FdelMazo • FdelMazo

21 years old, Computer Engineering Student, developer at Raico S.A..

Work Experience

Raico S.A.
Full Stack developer *April 2018–Now*
`https://www.raiconet.com/`
Development and support of the web application and the mobile app of Raico S.A.
Development of *Exporta Simple*, a web platform integrated with the Argentine Ministry of Production
Technologies: Grails, Java, Groovy, MySQL

Universidad de Buenos Aires, Facultad de Ingeniería
Teaching assistant - Algorithm Theory I *January 2019–Now*
`https://algoritmos-rw.github.io/tda/`
Covered topics: P, NP, NP-Complete, reductions, divide and conquer, programming heuristics (dynamic programming, greedy techniques), network flow, randomized algorithms, approximation algorithms, computation, regular languages, Turing machines.

Universidad de Buenos Aires, Facultad de Ingeniería
Teaching assistant - Algorithms and Programming II *August 2017–January 2019*
`https://algoritmos-rw.github.io/algo2/`
Classes, workshops, making and grading of exams.
Covered topics: C, memory management, algorithmic complexity, abstract data types, data structures (linked lists, hash tables, trees, heap queues), graph theory (minimum spanning tree, traversal).

Education

Universidad de Buenos Aires, Facultad de Ingeniería
Computer Engineering student *2015–Now*

Colegio Ward
Bilingual bachelors' degree in economics and business administration *2009–2014*
Grade Point Average 8.29

University of Cambridge
International General Certificate of Secondary Education (IGCSE) *2012–2013*
Passed with Merit

March 2019

University of Cambridge
First Certificate in English *2011*
Grade C

Specific skills

- **Programming languages:** C, Python, Java, JavaScript.
- **Programming paradigms and algorithm design techniques:** Procedural programming, object-oriented programming, dynamic programming, divide and conquer, greedy algorithms
- **Other topics:** Data analysis, computational complexity, machine learning, MapReduce, graph theory, data compression, PageRank, hashing
- **Other languages:** SQL, TeX.
- **Frameworks and miscellaneous:** Groovy, Grails, Pandas, PySpark.