Federico del Mazo
Résumé

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in 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

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.

Universidad de Buenos Aires, Facultad de Ingeniería

Passed subjects

Algoritmos y Programación I (75.40)   **Grade: 8**
Libro 95 · Folio 4264   *12/12/01*

Física I (62.01)   **Grade: 4**
Libro 62 · Folio 2705   *16/02/17*

Análisis Matemático II (61.03)   **Grade: 6**
Libro 61 · Folio 2637   *21/02/17*

Algoritmos y Programación II (75.41)   **Grade: 9**
Libro 95 · Folio 4712   *03/07/17*

Química (63.01)   **Grade: 5**
Libro 63 · Folio 2187   *10/08/17*

Algoritmos y Programación III (75.07)   **Grade: 6**
Libro 95 · Folio 5174   *18/12/17*

Matemática Discreta (61.07)   **Grade: 4**
Libro 61 · Folio 2923   *16/07/18*

Organización de Datos (75.06)   **Grade: 10**
13/12/18

Teoría de Algoritmos I (75.29)   **Grade: 10**
Libro 95 · Folio 6067   *19/12/18*