ENG

Federico del Mazo

Resume

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FdelMazo • FdelMazo

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

Work Experience

Raico S.A. - Air shipment and ocean freight services.

Software 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/`

- Classes, workshops, making and grading of exams.
- Covered topics: Complexity ($\mathcal{O}, \Theta, \Omega$ notation and P, NP classes), algorithm design and heuristics (divide and conquer, dynamic programming, greedy techniques).

Teaching assistant - Algorithms and Programming II *August 2017–Now*
`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 *2016–Now*
Distinguished grades:

- Data Organization - Outstanding (10)
- Algorithm Theory I - Outstanding (10)
- Operating Systems - Outstanding (10)
- Algebra - Distinguished (9)
- Algorithms and Programming II - Distinguished (9)
- Algorithms and Programming I - Distinguished (8)

Colegio Ward

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

December 2019

Skills

- **Programming languages:** C, Python, Java, JavaScript, C++.
- **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, Git, Amazon Web Services.