Federico del Mazo
Resume

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in 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

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.

Specific skills

Universidad de Buenos Aires, Facultad de Ingeniería

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*

Sistemas Operativos (75.08)   **Grade: 10**
                                                               09/07/19

Física II A (62.03)   **Grade: 6**
Libro 62 · Folio 3161   *25/07/19*

Álgebra II A (61.08)   **Grade: 9**
Libro 61 · Folio 3184   *31/07/2019*

Análisis Numérico I (75.12)   **Grade: 7**
Libro 95 · Folio 6753   *05/08/2019*

Universidad de Buenos Aires, Ciclo Básico Común

03/07/15 **Química**   **Grade: 7**
20/07/15 **Análisis Matemático**   **Grade: 5**
04/11/15 **Introducción al Conocimiento de la Sociedad y Estado**   **Grade: 4**
17/12/15 **Introducción al Pensamiento Científico**   **Grade: 9**
08/03/16 **Física**   **Grade: 7**
04/07/16 **Álgebra**   **Grade: 9**