Federico del Mazo

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in FdelMazo • ⌂ FdelMazo

Work Experience

10Pines

Software developer   *March 2020–Now*

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

Software developer   *March 2018–March 2020*

- 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

Universidad de Buenos Aires, Facultad de Ingeniería

Teaching assistant - Algorithm Theory I   *January 2019–Now*
Teaching assistant - Algorithms and Programming II   *August 2017–Now*

- Classes, workshops, making and grading of exams.
- Covered topics in Algorithm Theory I: Complexity ($\mathcal{O}, \Theta, \Omega$ notation and P, NP classes), algorithm design and heuristics.
- Covered topics in Algorithms and Programming II: 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*

Colegio Ward

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

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 languages:** SQL, TeX, HTML.
- **Frameworks and miscellaneous:** Groovy, Grails, Git.

Universidad de Buenos Aires, Facultad de Ingeniería

Cumulative GPA: 6.93

Grading Scale: 1 to 10

Algorithms and Programming I (75.40)   **Grade: 8**
12/12/17

Physics I (62.01)   **Grade: 4**
16/02/17

Calculus I (61.03)   **Grade: 6**
21/02/17

Algorithms and Programming II (75.41)   **Grade: 9**
03/07/17

Chemistry I (63.01)   **Grade: 5**
10/08/17

Algorithms and Programming III (75.07)   **Grade: 6**
18/12/17

Discrete Mathematics (61.07)   **Grade: 4**
16/07/18

Algorithm Theory I (75.29)   **Grade: 10**
19/12/18

Physics II (62.03)   **Grade: 6**
25/07/19

Algebra II (61.08)   **Grade: 9**
31/07/19

Numerical Analysis (75.12)   **Grade: 7**
05/08/19

Computer Architecture (66.70)   **Grade: 6**
12/02/20

Data Organization (75.06)   **Grade: 10**
20/02/20

Programming Workshop I (75.42)   **Grade: 7**
27/02/20

Laboratory (66.02)   **Grade: 4**
02/03/20

Operating Systems (75.08)   **Grade: 10**
09/07/19