

# Federico del Mazo

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in FdelMazo • 🌐 FdelMazo

## Work Experience

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### 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

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### 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

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- **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

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**Cumulative GPA: 7.23**

*Grading Scale: 1 to 10*

<b>Algorithms and Programming I (75.40)</b> 12/12/17	<b>Grade: 8</b>
<b>Physics I (62.01)</b> 16/02/17	<b>Grade: 4</b>
<b>Calculus I (61.03)</b> 21/02/17	<b>Grade: 6</b>
<b>Algorithms and Programming II (75.41)</b> 03/07/17	<b>Grade: 9</b>
<b>Chemistry I (63.01)</b> 10/08/17	<b>Grade: 5</b>
<b>Algorithms and Programming III (75.07)</b> 18/12/17	<b>Grade: 6</b>
<b>Discrete Mathematics (61.07)</b> 16/07/18	<b>Grade: 4</b>
<b>Algorithm Theory I (75.29)</b> 19/12/18	<b>Grade: 10</b>
<b>Physics II (62.03)</b> 25/07/19	<b>Grade: 6</b>
<b>Algebra II (61.08)</b> 31/07/19	<b>Grade: 9</b>
<b>Numerical Analysis (75.12)</b> 05/08/19	<b>Grade: 7</b>
<b>Data Organization (75.06)</b> 13/12/18	<b>Grade: 10</b>
<b>Operating Systems (75.08)</b> 09/07/19	<b>Grade: 10</b>