Lucas Di Salvo

Personal Data

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Education

2017 - ongoing — **Licenciatura en Ciencias de la Computación**
Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires

2011 - 2016 — **Técnico en Computación**
E.T. N°3 "María Sanchez de Thompson"

Experience

2020 - 2021 (11 months) — **Computer science popularizer at faculty**
Preparation of courses for high school students about different CS topics,
stand expositor in science fairs and career path talks.

2019 (6 months) — **Junior developer at Seincomp Informática**
Analysis, development and deployment of .NET customized applications,
with its maintenance and support.
Web applications development for internal usage.

2019 - 2021 — **Programming lessons**
Organization and teaching to high school students.
The topics include but are not limited to:
Python programming, OOP, structured programming, C#,
Data structures and Introduction to algorithms.

Tools and Technologies

Skill	Level	Skill	Level	Skill	Level
C++	● ● ● ● ○	C	● ● ○ ○ ○	Relational DB	● ● ○ ○ ○
Python	● ● ● ○ ○	VB.NET	● ● ○ ○ ○	HTML	● ○ ○ ○ ○
LaTeX	● ● ● ○ ○	Haskell	● ● ○ ○ ○	Prolog	● ○ ○ ○ ○
C#	● ● ○ ○ ○	Linux	● ● ○ ○ ○	ASM	● ○ ○ ○ ○
SQL	● ● ○ ○ ○	JavaScript	● ● ○ ○ ○	Markdown	● ○ ○ ○ ○

Skills

- Team leadership
- Technical documentation reading - writing
- Committed
- Self taught

- Teaching capabilities
- Assertive communication
- Teamwork

Languages

Spanish   : native
Written English : advanced
Spoken English : upper-intermediate
Japanese   : beginner (self taught, using Refold Guide)

Projects

- A project series for *Algorithms and Data Structures 2* (University course), designed to develop implementations for some of the most common data structures and its functionalities (programmed in C++).
    - A Doubly Linked List.
    - A Binary Search Tree, implemented on a Set.
    - A Map, implemented on a Trie.
    - A Priority Queue, implemented on a Heap.
- A team projects series for *Algorithms and Data Structures 3* (University course), designed to research, analyze and develop algorithms using different programming techniques to address complex problems (programmed in C++ and Python3 using Jupyter notebook).
    - An analysis on the Subset Sum problem. The aim of this projects was to ensure the correct procedure to develop solutions using brute force, backtracking and dynamic programming for the problem at hand, and analyze the effectiveness and efficacy of said techniques, in great detail.
- This same resume, done in LaTeX.

Courses and Certifications

Problem Solving (Basic)   Hackerrank   See credential
Python (Basic)   Hackerrank   See credential

Interests

I wish to learn more about science and technology, with its applications in society, while learning from the industry and academia alike, to nurture myself.