Lucas Di Salvo

@ Personal Data

in LinkedIn | ☺ GitHub

📕 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

2023 - ongoing (8 months)
Teaching Assistant at faculty
Preparation and teaching of lectures for undergraduate courses on:
Logic and Computability, Programming Paradigms.
Planning and evaluation of multiple students.

2021 - 2022 (7 months)
Game Developer
Making of custom UIs and interactions for different game systems,
such as a BattlePass, PopUps, Item selectors and more.

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)
Software 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

C/C++	Git	VB.NET	JavaScript	Prolog
Python	SQL	Haskell	Relational DBs	ASM
LaTeX	C#	Linux/Shell	HTML/CSS	Java

☕ Skills

- Technical documentation reading - writing
- Self taught
- Teaching capabilities

- Teamwork

- Problem Solving

🗚 Languages

Spanish	Native
Written English	Advanced
Spoken English	Upper-Intermediate

⟨/⟩ 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 by 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, made 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 their applications in society, while learning from the industry and academia alike, to nurture myself.