

Santiago Gutierrez

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EXPERIENCE

Tenaris

March 2022 - Present

Software Engineering Intern

CABA, Buenos Aires

- Development, maintenance and testing of applications and services in .NET, Azure (Python) and OutSystems. Identifying areas for improvement in existing programs and eventually developing these modifications.
- Team decision making on implementations and solutions. Research services that can improve the applications that are being developed.

Estudio Contable Lorenzo y Asoc.

April 2016 - July 2018

Tech Support

Bella Vista, Buenos Aires

- Maintenance of PCs. Installation of Microsoft Word, Windows and accounting programs.
- Network configuration with shared printers, files and software through a local server.

EDUCATION

Universidad Nacional de General Sarmiento

August 2018 - Present

Associate's Degree in Software Engineering

Los Polvorines, Buenos Aires

- 2 remaining subjects.

Universidad Nacional de General Sarmiento

August 2018 - Present

B.S in Computer Science and Engineering

Los Polvorines, Buenos Aires

- 18 remaining subjects.

PROJECTS (All available in GitHub)

Webscrapper

- Program developed in Python
- Using a list of codes downloaded from Google Drive and an .xml file, find a match between the codes in question and those that appear in the .xml file. If it finds two of the same, it saves the requested information in a .csv file. The .csv file is then automatically uploaded to Google Drive when the program ends

Knapsack problem

- Program developed in Java
- Different solutions for the backpack problem, also known as Knapsack problem. The first solution is a greedy algorithm that defines a solution from a comparator, the second solution is based on a genetic algorithm

Facility Location

- Program developed in Java
- The project is based in, given the location of the clients and different lots/building in an area, the algorithm defines which is the closest place for most clients. Haversine is used to calculate the distance and a greedy algorithm for the final solution.

SKILLS

Programming Languages: Java, .NET, Python, OutSystems, JavaScript (React.js), HTML, CSS, MySQL

Languages: Spanish native, English (EF SET English Certificate 78/100, C2 Proficient) **See credential**