Shmuel Pablo Sinder
Software Development and Industrial Engineer
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Software Development C/C++ with an Industrial and Management Engineer degree.
Graduated with honors, focused on achieving goals, good team player, fast and independent learner.

Skills:
- Languages: C(profesional), C++(professional).
- Software: Linux, Visual Studio Code, Git, MakeFile, Microsoft Office, Odoo, SAP.

Training:
2019-2020: **Intensive Trained in C/C++**, Infinity Labs, Israel.
- Implemented a Watchdog program that runs in a separate thread and creates a second process that watches the programs itself which makes it fault tolerant, more robust and trustful. Full code developed in C.
- Working on a NAS system using IOT technology. A Master-Minion Communicator system, which can connect to any computer with a storage device in the network, and allows the user to expand his storage capacity, speeds up data transfer and increases protection of the data stored. The code is Developed in C++ using many design patterns such as Thread Pool, Reactor, Singleton, Factory, Command and others.
- Working in the Linux operating system environment.
- Knowing of bits manipulation, memory segments, recursion programming, dynamic programming, time and space complexity.
- Creating flexible, generic and efficient code that can be reused in static libraries and dynamic libraries.
- Working in multi thread systems.
- Implementing thread safe code, by using synchronization mechanisms like mutex, semaphores, conditional variables and atomic operations.
- Benchmarking of the more efficient number of active threads.
- Developing a variable size memory allocator to reduce the need of allocating throw a system call.
- Communicating between processes by using inter process communications methods, as TCP/UDP sockets, signals, pipe, shared memory, message queue and map file.
- Practising many variations of producers - consumers problem, in a multithreaded environment.
- Designing UML, writing pseudo code, discussing better solutions and implementing improved code.

Work Experience:
2018-2019:   **Supervision and Analysis,** Inventus Capital - Logistics Company, Israel
- Analyzing Cost-benefit and break-even point.
- Building a working flow chart for the team.
- Analyzing data of sales, acquisition, payments and inventory for decision-making plans using Odoo.
- Communicating and supervising CEO instructions, located in Jerusalem to the operation team in Mexico City.

2017-2018:   **Development and management of wastewater engineering projects,** National Institute of Industrial Technology - Argentina.
- Designing wastewater treatment systems for small meat companies.
- Developing a biogas equipment.

Education:
2010-2016:   **Bachelor of Industrial and Management Engineering, graduate with honors,** National University (Salta), Argentina
2005-2008:   **Diploma in Electronics,** Albert Einstein Technical College, Argentina

Additional Information:
- Speaking languages: Spanish(Native), English (very high), Hebrew (high).
- Volunteering for 6 years as security coordinator for the Jewish community in Salta, Argentina
- System Technician during university at the Student Center, Argentina.
- Ole from Argentina, established in Israel for already 2 years.

Recommendations will be provided upon request.