

**Matias Javier Cocciolo**  
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## PROFESSIONAL PROFILE

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Programmer looking for new projects. I like the challenges and grow in teams, have the ability of adapt me easily to different environments for successfully overcome obstacles that are presented.

Formed in functional and structured programming, Pascal, C++, Visual C++, Visual Basic, Clipper y SQL, with knowledgments of objects oriented programming in Python.

Specially interested in projects of Python, Django, Machine Learning and Artificial Intelligence. I Like the free software and work with Linux systems. Motivated to learn new technologies, languages and improve my skills!

## WORK EXPERIENCE

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### Developer - Freelance (2020)

I fully developed scalable, complete, secure and resistant applications using Python, Django, HTML, CSS, Javascript and Git for version control. With a relational data model in Sqlite (easily adaptable or other databases such as PostgreSQL, MariaDB or MySQL).

- Payments implemented with Paypal.
- User authentication system (clients, admin, staff).
- User registration with activation by email and encrypted information (<uidb64>, <token>).
- Registered customers, with the possibility of editing their user data (address, profile picture, password, etc.), see their orders and what status they are in.
- Password recovery via email (in case the user forgets their password).
- Security through authentication decorators (login decorators).
- Possibility of buying without being registered (anonymous customer)
- Orders management.
- Full responsive views using mostly a flex base.

Machine Learning, perform an algorithm that predicts musical tastes, using Jupiter Notebook, the libraries, Numpy, Pandas and Scikit-learn, the latter to graph a tree diagram.

Data Analysis of exel spreadsheets, using the openpyxl library.

Web Scraping, extraction of relevant information from specific urls, such as links, stored in a text file. Using the beautifulsoup and urllib libraries.

### Solum Instruments y Cocciolo Amplifiers – Musical Instruments Industry Sector (2011-2020)

#### Owner

Founded Solum Instruments and Cocciolo Amplifiers. On the one hand Solum Instruments company dedicated to the manufacture of acoustic guitars and basses. With the idea of supplying the Argentine market with instruments of international quality (comparable to large brands such as Martin & CO, Gibson, Taylor) that were not produced

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in the country until then. On the other hand, Cocciolo Amplifiers, a company dedicated to the manufacture of boutique tube amplifiers. With the idea of supplying the Argentine market with high quality tube amplifiers wired by hand. To this end, I had to overcome many obstacles, several of which are linked to Argentina's own productive network chain and access to inputs.

- Designed, created and developed the entire product line over the years (in total more than 40 models of guitars, basses and amplifiers). Where it stands out, the selection and combination of materials, the aesthetic, functional, structural and integral design of each piece and each product. Including transformers, circuits and electronic and electrical schematics. With the aim of achieving the highest quality of materials, sound, durability and reliability.
- Created and managed a network of suppliers to supply us with the inputs and raw materials required, both local and imported.
- Created, implemented and improved a structured and detailed production process with clear steps to follow. In order to minimize work time, the use of inputs and to achieve the highest quality and completion. At the same time that it allowed to facilitate and simplify the tasks.
- Design, creation and manufacture of specific machinery for special and determined processes that are not available through the market, which require theoretical knowledge, inventiveness, dexterity, technical and practical ability to be carried out.
- Became part of CAFIM, Argentine Chamber of Musical Instrument Manufacturers.
- Generated, managed and coordinated the presence of the brand in Events and Exhibitions. Of note is the appearance of Solum Instruments in various editions of Music Show, the most important exhibition of musical instruments in Latin America. At the local level, we also managed to participate in the exhibitions of the Musiquiatra, very important in Argentina. With which I increased and strengthened the presence of the brand.

#### **PC Repair Technician - Informatics and Technology (2004-2010)**

##### **Freelance**

Repair, support and services for computers and laptops, companies and individuals. Software and license management, data recovery and professional support for Windows, Linux users.

#### **Longseller S.A –Book Industry Sector (2003-2004)**

##### **Responsible for Billing**

Responsible for the billing sector, and in charge of the stock-inventory. Reception of requests for requests for sales orders, issuance of receipts, coordination with the industrial plant of the assembly of orders and stock control.

- Implemented a system for receiving, processing and delivering orders, with clear and defined processes, to minimize delivery time and the order of documentation.
- Improved the stock control system, solving the problems of recurring differences.

#### **EDUCATION**

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**Bachelor in Economics** – Universidad de Buenos Aires

**Bachelor in Information Systems** – Universidad de Buenos Aires (Incomplete)

**Computer Technician** - Confederación Suiza ET 6

#### **COMPLEMENTARY SKILLS**

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**Languages: English, Spanish** Native-Born

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