

Rafael Juan Matteo Mourigan

Software Developer | Data Analyst | Data Scientist

Las Piedras, Canelones, Uruguay | +598-91-667-422 | rafaelmatteomourigan@gmail.com |
<https://rafaelmatteo.github.io/> | <https://www.linkedin.com/in/rjmatteomourigan/>

Professional profile

I am a backend developer, data analyst, and data scientist with experience in various technologies and tools. My focus is on developing robust applications, data analysis, and applying advanced machine learning techniques to solve complex problems. I am a perfectionist, obsessed with quality and accuracy, which drives me to ensure that every solution is effective and efficient.

Professional resume

I am a professional committed to excellence and innovation, passionate about developing technological solutions and data analysis to drive informed decision making. My goal is to contribute to challenging and dynamic projects where I can apply and expand my technical and analytical skills.

About Me

I am passionate about Programming, Data Analysis, Data Science, and Machine Learning, with a constant focus on developing analytical skills and solving complex problems. My professional career began in 2003, developing desktop applications with Microsoft Visual Basic 6 and Microsoft FoxPro. Throughout my career, I have worked with a variety of technologies, including Microsoft Visual Basic.net, Microsoft Visual C#, SQL, HTML, JavaScript, AJAX, and Microsoft SQL Server.

I have implemented innovative solutions for companies, developing desktop applications and custom **ERP** systems to meet the specific needs of different sectors. In search of new opportunities and technologies, I transitioned to open source platforms, adopting Python as my primary language due to its simplicity and clarity. My focus has expanded from Desktop and Web application development to Data Science and Analytics, as well as implementing Machine Learning solutions using tools such as Pandas, NumPy, TensorFlow among others.

My experience has been consolidated through various projects, ranging from simple calculators to the creation of advanced machine learning models. I am motivated by problem solving and data-driven decision making, applying machine learning techniques to optimize processes and improve business results. Where attention to detail ensures that each project is carried out with the highest quality and precision.

Technical Skills

Programming Languages: Python, JavaScript, HTML, CSS

Frameworks and libraries: Django, Bootstrap, AJAX

Databases and Query Languages: SQL, PostgreSQL, MySQL, SQLite3

Data Analysis Tools: Pandas, NumPy, Matplotlib, Seaborn, SciPy, GeoPandas,

Data Science and Machine Learning Tools: Scikit-learn, TensorFlow, Keras

Development Environments and Tools: VS Code, Anaconda, Jupyter, JupyterLab

Other tools: Bash, Git

Professional experience

Freelance Professional — *Computer Science Teacher*

2019 – Today

Preparation of undergraduate students to strengthen their knowledge and skills focused on passing the degree.

COETC — *Software Developer*

1996 – 2018

Design and development of desktop applications using various programming languages and technologies

Implementation of a custom ERP system to improve operational efficiency and data management.

Collaboration with multidisciplinary teams to understand business requirements and translate them into effective technical solutions.

Maintenance and optimization of SQL Server databases to ensure data integrity and availability.

Education

Universitario BIOS — *Programador Web.Net*

2007 – 2008

Relevant courses: Programming in Microsoft Visual C#.Net, Object Oriented Programming, Microsoft SQL Server

Certificates

Google Advanced Data Analytics Professional Certificate, Google.

DeepLearning.AI TensorFlow Developer Professional Certificate, DeepLearning.AI.

Machine Learning Specialization Certificate, Stanford University – DeepLearning.AI.

IBM Data Science Professional Certificate, IBM.

Statistics with Python, Specialization Certificate, University of Michigan.

Meta Database Engineer Professional Certificate, Meta.

Introduction to Data Science Specialization Certificate, IBM.

IBM Data Analyst Professional Certificate, IBM.

Django for Everybody Specialization Certificate, University of Michigan.

Python for Everybody Specialization Certificate, University of Michigan.

Open Source Software Development, Linux and Git Specialization Certificate, The Linux Foundation

Languages

Español: Nativo

Inglés: Intermedio

Interests

Programming and Software Development

Data Science and Machine Learning

Technology and New Trends