



About Me

Hello! I'm Pierre Gonzalez. I am passionate about Data Science and more broadly telling stories with data. I am a skilled developer and love to learn new Technologies.

– From developing ETL to design dashboards, I can't wait to sublime your decisions making with the power of AI&ML.

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Favorite websiteVisual Capitalist

Favorite BookStory Telling With Data Cole Nussbaumer Knaflic

Work Experience

Technical/Data/Business Analyst at Mirbaud (private banking)

March, 2022 - Present

For a core banking migration, I design the ETL workflow on one end and its monitoring framework using Azure and PowerBi on the other. (click to expand)

Designed the Extraction step using SQL queries in Talend.

Defined the mapping between the data source and the target model. Drove workshops with the Subject Matter Experts to deliver a Data Mapping Sheet (DMS csv/excel).

Designed the Transformation step using DMS in Talend and its components to combine, split or transcode data to fit the model of the target system.

Designed the Loading step using Talend, GoAnywhere and Azure blob storage.

Designed the monitoring report using Power Bi and SQL database (design and queries) to feed the report.

Last but not least I documented all the mapping done, queries used and technical documentation on Confluence.

BPMN Developer/Business Analyst at BCGE (retail banking)

October, 2020 - March, 2022

In an Agile manner I digitised banking workflows with Appway : Client On Boarding, Rental Guarantee, Credit request... (click to expand)

Executed definition phase (low UI, focused on UX-workflow). With the business I conducted micro agile sprints with a duration of less than a week : definition, POC, demo, feedbacks repeat

Developed Appway full workflows and integrating them with the differents Rest services, data bases ... in a Agile manner

Documented using Confluence

Supported Jira incidents (related to BPMN workflows) by investigating and fixing bug.

Designed a developing app using appway to improve code review and quality, debugging and by extension support on live workflows.

BPMN Developer/Support at UBP (private banking)

Jan, 2019 - October, 2020

For a core banking migration, I design the ETL workflow on one end and its monitoring framework using Azure and PowerBi on the other. (click to expand)

Single point of contact for Client On Boarding workflow.

Handled live bug fixe under pressure (On going COB with clients)

Design an Appway app to reduce greatly SLA of my support. Included statistics report on issues.

Developer INFRA at SmartWave

Mar, 2018 - December, 2018

Migrated an Oracle Service Bus to Axeway (api gateway solution)

Migrated an repository from SVN to git (Bitbucket)

Front/Back End developer at MAIF

Sept, 2015 - Feb, 2018

For a housing insurance (mobile first) with a ChatBot like UX, I designed the front-end using ReactJs and the back-end with a java micro-services architecture (spring boot).(click to expand)

Designed multiple POC to present technical possibilities to the UX team.

Developped the eco-system of APIs (java mico-services) for the application workflows : Existing client subscription, estimation request, client on boarding ...

Used Docker, linux, Mongo db and git to complete this project managed with an Agile governance.

Professional Skills

Python, data science libraries (scikit-learn, pandas, numpy ...)

GoAnywhere

SQL

Java

ETL Talend

BPMN Appway

Power Bi, DAX, PowerQuery

Azure

ENGLISH (ELTS : 7.5)

FRENCH Native

Listening (8.5)

Writing (6.5)

Listening

Writing

Reading (7.0)

Speaking (8.0)

Reading

Speaking

Education

Ai&ML Prost graduate diploma (9 months) from Columbia Engineering

2020 - 2021

During this PGD I use intermediate Python skills, including functions and packages, to analyze various types of data. I applied fundamental statistics and probability concepts to analyze and solve problems using Python. I also used linear algebra, including Bayesian linear regressions, to create algorithms to analyse and predict data. And finally I applied machine learning models and methods to real-world situations.

Syllabus

Certificat

CapStone

SQL for data science Certificat (1 month) from UC Davis

2022 - 2022

I learned how to use SQL commands to filter, sort, and summarize data. Create an analysis table from multiple queries using the UNION operator. Manipulate strings, dates, & numeric data using functions to integrate data from different sources into fields with the correct format for analysis.

Certificat

Ai for trading Certificat (6 months) from Udacity

2021 - 2022

I learned the basics of quantitative analysis, including data processing, trading signal generation, and portfolio management. Use Python to work with historical stock data, develop trading strategies, and construct a multi-factor model with optimization.

Syllabus

Certificat

BPMN Appway training (Appway 9, 8 updates and 7) from Appway

2019, 2020, 2020

References

**Jorge Martinez**

Head of Software Factory | Vice President

I Worked with Jorge since 2022 in Geneva at Mirabaud (private banking).

Contact Jorge

**Edward Maertens**

Managing Director at IBM Client Innovation Center Switzerland

I Worked for Edward from 2019 to 2021 in Geneva at IBM CIC.

Contact Edward