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1205 Genève
French (Swiss Residence Permit C)
<https://github.com/gimpgael>

Gaël PAGES

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10/06/1986

3-months notice period

WORK EXPERIENCE

- 2018 - actual LOUIS DREYFUS COMMODITIES, Switzerland**
Data Scientist Lead & Trader (Oct. 2019 – actual)
Systematic strategies in the Softs and Energy space, with limited discretionary adjustments. Broad scope of AI techniques (Neural Networks, Genetic Programming, Reinforcement Learning ...) for modeling and forecasting.
Leading the data effort for the division: building the data science team worldwide.
- Data Scientist Lead (Jul. 2018 – Sep. 2019)*
Providing data science solutions within the IT platform for the different business units.
- 2019 – actual ESCP Europe, France**
Visiting Lecturer in Python & VBA
Master in Finance ranked #2 by the Financial Times
- 2013 - 2018 ENGELHART COMMODITIES TRADING PARTNERS, Switzerland**
(formerly BTG Pactual Commodities)
Data Scientist & Trader (May 2015 – May 2018)
Setting up and developing a systematic Commodities book, leveraging the model previously developed. Strategies were mainly Quantamentals.
- Senior Quantitative Analyst (Jul. 2013 – Apr. 2015)*
Member of the team in charge of setting up the Agricultural Research team of BTG Pactual
- Internal Database Project manager: defining the needs and guidelines
 - Analysis tool design: CNF Matrices, Supply & Demand balance sheet, Trade Flows.
 - Fundamental modelling and forecasting: crop yields, production, feed and residuals. Methodology driven by economics and weather-related variables
 - Intensively involved in recruitment: Analysts, Traders and Trainees. Geneva office grew from 5 people in July 2013 to 70+
- 2010 – 2013 NOBLE GROUP, Switzerland / Argentina / Uruguay / Paraguay**
Quantitative Analyst (Apr. 2011 – Jun. 2013)
- Crop yield modeling (Project manager): team of around 10 people working on the project, to cover all agricultural commodities and all producing areas. Quantitative analysis related to weather and production.
- Graduate Program (Sep. 2010 – Mar 2011)*
- Corn & Livestock Analyst (3 months)
 - Physical trader assistant (Switzerland / Argentina) (2 months)
 - Operations & Origination Desk (Argentina / Uruguay / Paraguay) (2 months)
- 2010 (4 months) GASELYS, France**
Energy Analyst – Prop Trading Desk (internship)
- Quantitative analysis and modelling of the European power market
- 2009 (6 months) ELECTRICITE DE FRANCE, France**
Analyst – Nuclear Fuel Department (internship)
- Opex and Capex analysis in uranium mines / Valuation of mining projects

EDUCATION

- 2017 - 2018** **Udacity - Artificial Intelligence Nanodegree**
6-months Udacity Nanodegree program about Artificial Intelligence
Emphasis on Deep Learning and NLP
- 2015** **Chartered Alternative Investment Analyst (CAIA)**
Graduated September 2015
- 2009 – 2010** **ESCP EUROPE, France – United Kingdom**
(1 year) Specialized Master in Finance – Commodities & Market Finance, Option pricing theory, Asset management, Statistics, Economics, Time Series Analysis. *Professional Thesis*
“Valuation of uranium exploration mining companies by real options” with Hélyette Géman
- 2006 - 2009** **ECOLE DES MINES, Alès, France**
(3 years) Master of Science in Mining Engineering, minors in statistics, geostatistics and mathematics. Exchange semester at Oviedo School of Mines, Spain
Diploma « Ramón Querol » - Oil & Gas resources
- 2004 – 2006** **Lycée Pierre de Fermat, France**
Top French preparatory classes to Engineering Schools

LANGUAGES AND COMPUTER SKILLS

- Languages:** **French:** Native - **English:** Fluent - **Spanish:** Fluent - **Portuguese:** Understood
- Programming:** Python (Fluent)
GO, JavaScript, C++ (Medium)
- Data Analysis:** Python (Numpy, Pandas, Sklearn, Matplotlib), Matlab (Fluent)
Eviews, KNIME (Medium)
- Deep Learning:** Keras, TensorFlow (Fluent)
TFLearn, PyBrain (Medium)
- Bayesian Statistics:** Python (PyMC3, Pyro) (Medium)
- Relational Databases:** MySQL, Microsoft SQL Server, SQLite (Medium)
- Data Visualization:** Tableau, Power BI (Medium)
- Cloud services:** Microsoft Azure, Jenkins (Medium)
- Big data:** Hadoop (Medium)

INTERESTS

Sports: Rugby (player / captain / coach), Swimming and CrossFit.

Strong interest in platforms providing high quality online courses partnered with worldwide universities.
Among others:

- Machine Learning – Stanford University
- Energy 101 – Georgia Institute of technology's certificate
- Maps and the Geospatial Revolution – The Pennsylvania State University's certificate
- Economic Issues, Food and You – University of Florida's certificate
- Programming with Google GO – Coursera's specialization certificate

Real estate: developed properties database and machine learning tools to screen and highlight underpriced properties in South East Florida, for personal investment. Applied same methodology for Switzerland.

Business Angel and Board Advisor: Digit'OWL, a start-up promoting programming to children without using screens.