



Gabriel Torcat

INNOVATION / TECHNOLOGY / X06

Profile

Firm promoter of Innovation and the Work Smarter and Not Harder Principle. I don't Believe in Problems, I Believe in Solutions. A scientist at heart, I apply critical and strategic thinking to materialize solid and cutting-edge business solutions to improve performance, drive innovation and achieve growth.

Employment History

HSBC Global PMO Engineering/Product Manager, Solutions/Data Science, Arcadis, Global Scope

2020 — 2023

Developing the data and analytics strategy, products and engineering capabilities. Designing and managing the implementation of the digital infrastructure. Creating and managing the engineering and advanced data team.

Solutions Architecture, Agile Development (Kanban, Scrum...), Cloud Infrastructure (Azure, GCP, Terraform...), Data (Governance, Warehousing, Engineering, Python, SQL, NoSQL, Grafana, Spark, Airflow...), Microservices (Containerization, Pub/Sub...), WebDev (Vue, JavaScript, APIs...), Artificial Intelligence (Scikit-learn, XGBoost, PyTorch, GPT...), Business Intelligence (Tableau, Plotly...), DevOps (CI/CD, SonarQube...).

Digital, Innovation and Analytics Lead for France, Arcadis, Paris, France

2020 — 2022

Shaping the Digital Strategy and enabling collaboration between regions. Driving Innovation and coordinating key initiatives across business lines and enabling functions while promoting client development.

Program Manager (PMO) Digital, Buildings France, Arcadis, Paris, France

2018 — 2019

Contributing to strategy and collaboration between countries, sub-regions, client development, other business lines and enabling functions to drive success.

Associate Director, Inversiones Inmobiliarias Tornar C.A., Porlamar, Venezuela

2015 — 2018

Management of a fully integrated Real Estate Management firm (in a harsh Political and Economic Environment).

Strategic Development, Client Negotiations, Project Planning.

Operations and Technology Manager, Inversiones Inmobiliarias Tornar C.A., Porlamar, Venezuela

2012 — 2015

Responsible for the complete Modernization and Optimization of company wide Workflow Logistics, and Implementation of the entire

Details

Paris, France

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Links

[Website](#)

[LinkedIn](#)

Skills

Leadership

Strategy

Technology

Innovation

Flexibility

Adaptability

Languages

English

Spanish

French

Japanese

Hobbies

Movies

Travel

Gaming

Martial Arts

Football

QR



Information Systems Architecture.

Financial Administration, Contract Management, Feasibility Studies,
Project Development.

Consultant, Inversiones Inmobiliarias Tornar C.A., Porlamar, Venezuela

2010 — 2012

General Engineering and Operational Logistics Consultant.

Education

**Ingénieur diplômé de l'École Polytechnique (X06) (Engineer / Master),
Engineering / Mathematics / Fundamental Physics, École Polytechnique,
Paris, France**

2006 — 2009

École Polytechnique is France's and one of the World's leading
Engineering institutions. It combines top-level research, academics,
leadership and innovation at the cutting-edge of science and technology.

**Extensive Science Program, with specialization in Physics and Mathematics.,
Sorbonne Université (Formerly Université Pierre et Marie Curie/Paris VI),
Paris, France**

2004 — 2006

Extensive Science Program, with specialization in Physics and
Mathematics. Admitted at 16 years old.

Internships

Research Intern at Rutherford Appleton Laboratory, Oxfordshire, United Kingdom

2009

Charged with the Design of a First in Class Small Size Broadband High-
Energy Single-Shot Electron Spectrometer, to be incorporated into one of
the Central Laser Facility (CLF) laboratories.

Nonprofit work at Ijira-en and Works Ijira, Gifu-shi, Japan

2008

Provided assistance in a social integration center for people with mental
disabilities. Volunteer work at an elderly care facility.

Research Intern at Ecole Normale Supérieure, Paris, France

2006

Research Internship at Pierre Aigrain Laboratory, studying the
Characterization of Tera-Hertz emissions issued from the interaction of
High-Power Ultra-Fast Lasers on Semiconductors.

Honors & Awards

DPM-Egide Scholarship at Campus France (Egide Association), Paris, France

2009

**International Excellence Full Scholarship at École Polytechnique Foundation,
Paris, France**

2006

**Bronze Medal - International Karate Competition (Venezuela Representative),
Miami, USA**

2002

Gold Medal - National Oil & Gas Science Olympiad. Issuer: Petróleos de Venezuela, S.A. (PDVSA), Caracas, Venezuela

2001

National Mathematical Olympiad, Venezuela

2000