ANTHONY CAUMOND

Supply Chain & IT Freelancer

EDUCATION

2001-2006

OPTIMIZATION RESEARCH PHD - AUVERGNE UNIVERSITY

The jobshop problem with constraints: modeling and optimization.

1998 - 2001

COMPUTER SCIENCE DEGREE - ISIMA

Simulation, modeling, and optimization of industrial systems

TOGAF and BASICS certified

SKILLS

- Supply Chain
- Optimization Research
- Modelling
- Developper
- Architect
- Project Management

LANGUAGES

- French (native)
- English (professional)

CONTACT

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PROFILE INFO

I am passionate about finding simple solutions to complex problems.

As I'm pragmatic, it is the resolution of real and practical problems that drives me. To this end, I have developed my knowledge of the industry and its supply chain. After varied experiences, I feel ready to take on new challenges, such as entrepreneurship.

EXPERIENCE

FONDATEUR D'HEPHAISTOX   2022 - 2024

With mati, I co-founded Hephaistos to create an offering that supports all aspects of a simulation and optimization solution for industry.

STORRITO DEVELOPPER   2021 - 2022

After several years without IT development, I became a Clojure developer to prepare the creation of my future offer:
- Build a Cloud solution for thousands of users with a heavy load and high availability.

PLM PRODUCT OWNER- MICHELIN   2019 - 2021

Following the upstream program, I developed a precise conviction on the PLM program for Michelin's 60 tire manufacturing plants, and I strongly participated in materializing this vision.
- Project manager
- Design of the new process and its tooling

EXPERIENCE

TEACHER AND PHD IN OPERATIONAL RESEARCH   2001-2006

After the industrial and operational research experiences during my engineering school, I decided to delve deeper into these subjects:

- Demonstrator and proof of concepts:
  - PSA – Optimization of assembly lines. Optimization of multipurpose ironwork workshops.
  - Eramet – Hot forging scheduling.
  - Michelin – Test track planning.
- Past in production:
  - Michelin – Automatic factory simulation.
- Optimization framework
- Phd thesis & Articles:
  - C.O.R: Time lag
  - E.J.O.R.: Transportation
- Iterative optimization methods, discrete event modeling and simulation, linear programming, graph optimization.

PERSONAL ACTIVITIES   1986-1998

I started very early in computer development in GFA Basic, Assembler 68000 and Z80. I created demos and games, but I also used this knowledge to build professional tools for the family jewelry store: Inventory management, customer database and surveillance video recordings.

ACHIEVMENTS:

- **2008- 2009**
  Publish two scientific articles in high impact factor journals

- **2013 – 2015**
  Having a major impact on two major Michelin transformation programs

- **2023-2024**
  Building an offer:
  + supply chain
  + IT
  + operational research