

Benoit Barthelet

*Debugging is twice as hard as writing the code in the first place.
So if you're as clever as you can be when you write it,
how will you ever debug it? – Brian Kernighan*

Experience

SFJ Technologies LLC – Chief Developer – Sep 2018 ▶ Present

Help investors enhance their research by leveraging data science and quantitative modelling

- Built pipelines for converting datasets of accounting statements into actionable scores
- Built API for frontend developers (FastAPI / Postgresql / arq)
- Built API consumer clients, mainly Excel udf
- Built and maintain our backend infrastructure, AWS based, full CI integration

Sullivan Cloud – GCP Lead Architect – Sep 2017 ▶ Present

Help clients optimise their IT ecosystem and processes thanks to GCP

- Built several tools to enhance Gsuite, mostly App Engine based
- Built time-saving tools for migrating clients to GSuite
- Migrated clients and reviewed their cloud infrastructure

Generali Investments Europe – Portfolio Manager – Dec 2010 ▶ Sep 2017

Managed insurance pension funds

- Managed non-traditional assets ie everything derivatives-based or with some for of structuration for insurance companies
- Developed pricing and risk modelling tools on derivatives portfolios and other illiquid asset classes

Lazard Freres Gestion – Portfolio Manager – Jun 2005 ▶ Dec 2010

Managed private clients money

- Set up new alternative business with both structured products and Fund of Hedge Fund activity
- Developed pricing models and risk tools to follow the activity

SGAM Alternative Investments – Fund derivatives trader – Mar 2001 ▶ Jun 2005

Managed illiquid pension funds

- Managed book of highly illiquid fund derivatives
- Developed pricing models and risk assessment models

Education

- 2021** **📌 GitLab Certified Associate: GitLab Certified Associate**
- 2020** **G Associate Google Cloud: Associate Google Cloud**
- 2017** **📌 OSCP: Offensive Security**
Certified Professional (OS-101-035377)
- 1997–2001** **ESCP Finance**
Thesis on the pricing of PCS options (Property-Claim Services)
and its impact on the reinsurance natural disasters markets
- 1995–1997** **Preparatory school Economics**

Technical Experience

- Languages**
- 📌 **python:** python expert, deep understanding of asyncio
 - JS **javascript:** average use of javascript, mainly through React 📌
 - 📌 **C#:** basic knowledge, mainly on the Excel-DNA library developing several Excel add-ins
- Other**
- 📌 **Debian:** using it daily since Potato
 - 📌 **Docker:** coding pretty much everything in containers, some experience with Podman
 - 📌 **Gitlab:** extensive use of this particular CI
 - 📌 **Postgresql:** advanced user
- Open Source**
- Developer of `aiosqlembic`, maintainer of `uvicorn`
- `aiosqlembic` is a database migration tool powered by `asyncpg` and `aiosql` and inspired by `goose`
 - `uvicorn` is a lightning-fast ASGI server, built on `uvloop` and `httptools`.
- Side Projects**
- Mostly interested in 📌 `/r/homeserver` and `/r/generative`
- Home server installation & maintenance fully deployed through Ansible using Gitlab CI.

- **Generative art website** using **p5js** and **reactjs** ☸

Extra

- **Human Languages:**
 - French (native speaker)
 - English (fluent)
 - Chinese (rookie,)
- **Ultratrail**

benoit.barthelet@gmail.com • +33 698 609 237 • 43 years old
13, rue d'Alexandrie – 75002 Paris, France

Created with **pandoc_resume**