

PabloBaeyens

Open Source Software Engineer II

Experience

Contact

For privacy reasons some information is missing; contact me for the complete version.

mx-psi.github.io
[linkedin:pablo-baeyens](https://www.linkedin.com/in/pablo-baeyens)
[github:mx-psi](https://github.com/mx-psi)

Languages

Spanish (native)
English (proficient, C2)
French (basic)

Programming

Experienced in:

Go,
Python,
C++ and
Haskell.

Familiar with:
Rust, **C** and **Ruby**.

When something can be improved upstream, I fix it. See most of my work on [Github](https://github.com).

Since 2020 **Open Source Software Engineer** DataDog, Remote
I work on providing [OpenTelemetry](#) (OTel) support to Datadog:

- I maintain the [OTel Collector](#), an open source observability agent.
- I am an approver on the [OTel Collector core library](#).
- I added [OTLP ingest](#) support to the [Datadog Agent](#).
- I lead development of the Collector's [Datadog exporter](#).

I also work on the Datadog Agent's build pipeline, OS-specific monitoring and CI/CD system.

Education

2014–2019 **BSc in Mathematics** Universidad de Granada, Spain
Average grade: 9.43/10 (awarded [Extraordinary Prize of Degree](#))

2014–2019 **BSc in Computer Science** Universidad de Granada, Spain
Specialized in computation and intelligent systems
Average grade: 9.42/10 (awarded [Best Academic Record Prize](#))

2009–2014 **ESTALMAT** Universidad de Granada, Spain
Selective project for the detection and stimulus of mathematical talent including weekly lectures on mathematical topics.

Projects

2014–2019 **LibreIM** Universidad de Granada, Spain
Given 15+ educational talks on math & CS topics for graduates and undergraduates, focusing on math and theoretical computer science. Taken part in the management and organization of talks, participating in several programming conferences. Created 10+ resources for math and computer science topics on the [blog](#) and [repositories](#).

2018–2019 **BSc thesis — Quantum computational models**
Written a literature review (~30k words) on the quantum circuit model and related models from the perspective of structural complexity theory. Implemented key [quantum algorithms](#) on the purely functional programming language Quipper, based on Haskell. The project was financed with a research grant by the Spanish Ministry of Education and it was awarded the maximum mark with honors and the *Best BSc thesis of promotion* distinction.