

# 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](https://mx-psi.github.io)  
[linkedin:pablo-baeyens](https://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 develop 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.