

PabloBaeyens

Open Source Software Engineer

Experience

Contact

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

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:

C++,

Go,

Python and

Haskell.

See most of my work on [Github](https://github.com).

Since

2020/04

Open Source Software Engineer

[DataDog](#), Remote

Working on [Datadog's agent](#), a highly-performant open source logs and metrics collector written in **Go** and **Python**.

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*)

2013–2017 **Conferences, summer schools and activities**

[Formulo de Integreco](#) Summer school on pure mathematics

[ESSLLI 2015](#) Summer school on logic, language and information

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 and computer science topics for graduates and undergraduates, focusing on pure 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 (~2k loc).

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.