

Robin Moussu

*Back-end developer
specialization in optimization*

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in  [robinmoussu](https://github.com/robinmoussu)
28 years old

Curious, ready to push changes, autonomous and volunteer, I am someone who love learning and know how to invest myself (especially in mastering my tools). High performance back-ends developpment, algorithms and optimisation are the subjects that captivates me the most in my work.

Competences

Languages **Rust**, **C++**, shell, **C**, **python**, scala, ruby, ada, asm, vhdl
Utils **git**, gcc, clang, valgrind, perf, Doxygen
Methods Design patterns, UML
Other **Linux**, Latex, Markdown, ...

English Daily usage, C1 level

Bulats: 79 (2014), Toeic: 740 (2013)

Professional experience

2019–2020 **back-end software developer, specialized in optimisations** 1 years
Astek for the Naverlab client (on-site), Grenoble **Rust, python**
Optimizations and improvements of the generation of tours intended to be run. Successful rewrite of the project in Rust

2016–2019 **back-end software developer** 3 years
Astek for Amadeus client (on-site), Sophia Antipolis **C++, scala, shell**
Participation in various projects of PIO (Pricing Integration and Orchestration). Set-up and animation of weekly sessions of knowledge sharing.

2016 **Alias analysis and context splitting** 6 month
MathWorks (on Polyspace software), Montbonnot **C++, SML**
End of study internship – Amelioration of the static analysis speed and precision of C codebase using function pointers.

Formation

2013–2016 **Grenoble INP, Grenoble**, Phelma then Ensimag BAC +5
Specialization in system and embedded software

2011–2013 **DUT GEII, Grenoble**, IUT 1 BAC +2
Electronic engineering and industrial data processing

2010 **Baccalauréat S, Gap**, Lycée Dominique Villars (with honors)

Personal experiences

Robotics **French cup of Robotics:** Phelma (2015 and 2014), Esisar (2011)
inter-IUT cup, Vierzon, 2012, IUT GEII of Grenoble, semi-final