

# Robin Moussu

Software engineer

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24 years old



I have just finished my formation of engineer in computer science, and I am currently researching a job. I am especially interested by low-level programming (like memory analysis) and optimization (memory and speed).

## Competences

Languages **C++**, **C**, **ruby**, ada, asm, java, vhdl  
Utils **git**, gcc, clang, Doxygen  
Conception Design patterns, UML  
Other **Linux**, LaTeX, ...

English Technical knowledge, C1 level

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

## Formation

2013–2016 **Grenoble INP**, *Grenoble*, Phelma then Ensimag  
Specialization in system and embedded software  
2011–2013 **DUT GEII**, *Grenoble*, IUT 1  
Electronic engineering and industrial data processing  
2010–2011 **Prépa intégrée**, *Valence*, Esisar  
Electronics, computer science, embedded system and network  
2010 **Baccalauréat S**, *Gap*, Lycée Dominique Villars (with honors)

## Internships

2016	<b>Alias analysis and context splitting (C++ and SML)</b> <i>MathWorks (works on Polyspace software), Montbonnot, Isère</i>	6 month
2015	<b>Video streaming (C++)</b> <i>Start Me Up, Meylan, Isère</i>	3 month
2014	<b>Description of many-core processor architecture (ruby)</b> <i>Kalray, Montbonnot, Isère</i>	3 month
2013	<b>Code re-writing from C to Labview</b> <i>Max Technologies, Brossard, Canada</i>	3 month

## Personal experiences

2015 **Contribution to Firefox**, *Scholar project, by group of 5 students* 1 month  
2015 **Conception of a compiler**, *Scholar project, by group of 5 students* 1 month  
2011–2015 **Class representative**, *Ensimag, Phelma and IUT, Grenoble*  
*Participation to the board of directors during my IUT*

Robotics **French cup of Robotics**, *Robotronik club of Phelma (2015 : 103<sup>th</sup>, 2014 : 91<sup>th</sup>), robotics club of Esisar (2011)* .  
inter-IUT cups at Vierzon, IUT GEII of Grenoble, 2012, semi-final