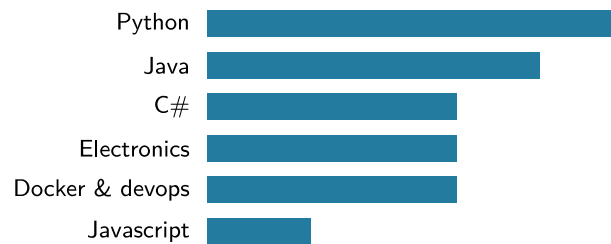# MATTHIEU BERTHOMÉ

Software & things maker

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- @rienafairefr
- @rienafairefr
- @matthieu-berthomé

WHO AM I?

Multi-faceted Engineer, from the electrons to the Cloud ❤ building projects, and helping others to build their projects

Skill	
Python	████████████████
Java	███████████
C#	███████
Electronics	███████
Docker & devops	███████
Javascript	████

EXPERIENCE

June 2017 –   **Full-stack developer**   INRIA, Lille campus

Sysadmin, backend, frontend & Embedded code

April 2017 –
freelance   **Electronics & Laser cutting instructor**   Techshop Lille
Training on the electronics & laser cutting capabilities

2014 – 2017   **Microelectronics Laser cutting research engineer**   IEMN Lille campus
Maintenance, execution of cutting jobs, development of interface software
C#, Visual Basic, WPF, Real-time software

2010 – 2013   **Research Assistant**   CEA-LETI Grenoble   EPFL Lausanne
co-supervision
Research in micro-nano electronics

EDUCATION

2010 – 2013   **EDMI Doctoral courses**   EPFL Lausanne
Microsystems, Microelectronics

2009   **Physics & Engineering diploma**   Grenoble INP Phelma
Specialisation in microelectronics

2008 – 2009   **Full-year exchange**   UCSD San Diego
Full-time coursework
6 months project on a plasmonic metamaterial

OPEN-SOURCE

pyYNAB   Reverse-engineered library for the API of www.youneedabudget.com, a personal finance web-app

pyrebrickable   Library, Data access & CLI for the API of www.rebrickable.com, a LEGO bricks web-app

Various contributions   FlatCAM, a PCB milling application
OpenAPI-generator, a code generator from OpenAPI specifications

LANGUAGES

French - native
English - fluent

HOBBIES

Participations to national robotics tournaments
Laser cutting