



# NICOLAS MARSHALL

Back-end and web developer  
24, from France

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Fond of the open-source based web, I'm interested in crafting innovative products with care for the user experience. Obsessed with code performance, I love writing reusable and maintainable code and keeping up to date with the latest languages and tools.

## EDUCATION

MASTER'S DEGREE IN ENGINEERING @ ECOLE CENTRALE DE LYON  
2011-2015

Major in computer science

Enterprise IT, Databases, Data mining, Networks, OOP, Websites, Web services, H/C Interfaces, Telecommunications, Hardware architecture, Multi-agent AIs, Cloud computing, High availability

## EXPERIENCE

- Apr'15-Sep'15  
6 Months  
Berlin  
**BACK-END DEVELOPER @ JUSTWATCH**  
Legal streaming search engine  
Added numerous scraper plugins for streaming offers and released Justwatch in two new countries  
Added an "actors and directors" feature, along with needed API routes and materialized views  
Go, PostgreSQL, ElasticSearch
- May'14-Aug'14  
3 Months  
Toulouse  
**FRONT-END DEVELOPER @ MDP QUALITÉ**  
Development of an ERP for land surveyor firms of all sizes  
Helped revamp all UI screens for a flatter look and a clearer user experience  
Filemaker, SQL
- May'13-Aug'13  
4 Months  
Avignon  
**ASSISTANT FOREMAN @ COLAS GÉNIE CIVIL**  
Civil engineering - Railway tunnel construction site

## SKILLS

PROGRAMMING	C++, <b>Go</b> , PHP, Matlab, Python
DATABASES	<b>PostgreSQL</b> , ElasticSearch, MySQL, Neo4j
FRONT-END	<b>HTML/CSS</b> , Javascript, React, Mithril, Vue
LINUX	Basic commands, <b>Git</b> , Docker, Vagrant
LANGUAGES	<b>English</b> , French, German, Italian

## INTERESTS

THINGS I LOVE	Rock, jazz, live music, backpacking abroad, playing the piano or in a brass band, swimming, architecture, science and tech
VOLUNTEERING	Building renovation / Organization of activities for children at an asylumseeker center ( <i>Service Civil International</i> , Leipzig, 2011)
OPEN SOURCE	Face Recognition (school project, Matlab)