

# ANTOINE CARAT

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## Skills

**Frontend** ●●●●●●○○○  
Vue.JS, AngularJS, React.JS

**Backend** ●●●●●●○○○  
Node.JS, Java, Laravel

**DevOps/Cloud** ●●●●●●○○○  
OpenStack, AWS, Jenkins, Docker,  
Swarm, Ansible, Terraform

**Project management**  
Git, NPM, Maven, GNUMake

**More**  
C++, Haskell, OCaml, Python, LaTeX, ...

## Languages

**English** ●●●●●●○○○  
Oral : Autonomous ; Written : Fluent  
EFSET : C1

## School

**2018** : IT Master's degree - Nantes, France  
**2016** : IT Bachelor - Nantes, France  
**2014** : IT DUT - Nantes, France

## Hobbies & Interests

**Sport** : Rugby, Climbing, Cycling, Hiking.  
"Define a target, reach it, top it,, again."

**Travel** : "Travelling is like moving from one self to another self through others."

## Experiences

### DevOps Intern

April - July 2018 (3 months).

Technical and resiliency tests automation for an AWS-deployed application.

@VSC-Technologies, Nantes.

#ChaosEngineering #AWS #Python

### Cloud Intern

January - April 2018 (3 months).

OpenStack platform management, Docker, Swarm and Jenkins support.

Openfaas functions development for tenants portal.

@VSC-Technologies, Nantes.

#OpenStack #Docker #Swarm #Go #Openfaas

### Cloud Research Intern

July - August 2017 (2 months).

Replacement of OpenStack service (Keystone) mySQL backend by a distributed database (CockroachDB).

@Discovery Initiative, IMT, Nantes.

#OpenStack #BDD #Research

### Research initiation Internship

January - April 2017 (1 day per week over 4 months).

Inclusion of a profiling tool (OSProfiler) to an experimentation software over OpenStack (EnOs : [enos.readthedocs.io](http://enos.readthedocs.io)).

@Discovery Initiative, IMT, Nantes.

#OpenStack #Cloud Computing #Python #Research

### Non-profit organization Founder & President

October 2016 - November 2017 (1 year and 2 months) .

Creation of a non-profit organization for IT students in my University. The goal was to build up a "spirit" that was missing back then. ([alice-et-bob.fr](http://alice-et-bob.fr))

@Université de Nantes.

#Associative Life #Team management #Communication

### Constraint Programming Intern

April - June 2016 (3 months).

Performance improvement of a constraint solver (Choco) by externalizing linear constraints in a dedicated linear solver

@TASC team, EMN, Nantes.

#Constraint Programming #Research

### Automation and deployment Intern

April-June 2014 (10 weeks).

Migration of La Poste's mail sorting centers' server's automated deployment to a up-to-date Puppet version.

@Direction Technique du Courrier, La Poste, Nantes.

#Systems/Network Configuration #Automation