ANTOINE CARAT

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About me

After moving to **Nantes** and studying Computer Science for **6 years**, I got my **Master's degree**, with honours, and moved to **Dublin** to practice my English and **discover** new cultures and people.

I tend to be interested in any kind of Software job but I genuinely enjoy myself working with **web technologies** and most specifically **JavaScript**.

No matter what I'm working on, I'm always trying to make it **the neatest possible**. I also love functional programming, open-source, TDD.

School

2018 - Software Architecture MSc, Nantes. *1st/40*
2016 - Computer Science Bachelor, Nantes.
2014 - Computer Science DUT (eq. HND), Nantes.

Skills

Frontend - Vue.js, React.js, JS, HTML/CSS, SCSS
Backend - Node.js, Ruby, Python, Java
Misc - Docker, Jenkins, Haskell, Bash

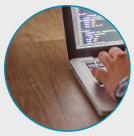
Languages

English ●●●●●●●●●○
Written and oral fluency

French ●●●●●●●●●●
Native language

Hobbies & Interests

Rugby player since 2015. *"TEAM: Together Everyone Achieves More"*



Constantly **on the lookout** via talks, articles: Aim to **become a speaker.**

'Mini' globetrotter: Opening my **mind** through other **people**'s minds.

Experiences

Software Engineer *@ BrowserStack Ltd, Dublin.*
November 2018 - Now

- Development and maintenance of a **mobile-driving platform** that allows users to test their applications in a cross-devices and cross-browsers fashion. This platform consists of 3000+ devices and saves companies the cost of building their own "lab" internally.

#Ruby #Bash #Mobile

Cloud&DevOps Intern *@ VSC-Technologies, Nantes.*
6 months

- Maintenance and customer support of an **internal cloud** based on OpenStack allowing dev teams to deploy their projects internally using Jenkins and Docker and development of web utility tools for the team.

- Development of an automate solution to **test the resiliency** of an application deployed on AWS involving contributions to the chaostoolkit project.

- Development of a **full-stack web application** implementing a serious game of one-vs-one chaos resolution challenge, allowing to practise on-call skills at anytime.

#OpenStack #Docker #Swarm #Jenkins #Go #Openfaas #Angular #ChaosEngineering #AWS #Python #React.js #Node.js #MongoDB

Cloud Research Intern *@ Discovery Initiative, Nantes.*
2 months

- Improvement of an internal tool, EnOs (enos.readthedocs.io), with a **profiling system**. (Initiation course, 1 day per week over 4 month)

- Replacement of the mySQL backend of an OpenStack service (Keystone) by a distributed database (CockroachDB) in order to **increase OpenStack scalability** (Fog/Edge computing fashion).

#OpenStack #Cloud Computing #Python #DB #Research

More on my LinkedIn profile

Highlight

Students organisation founding president *@ Alice&Bob, Nantes.*
1 year

Alice&Bob is born from the feeling of not having enough interactions with upper and lower promotions in the IT branch of the University of Nantes along with a lack of support in our studies. Alice&Bob simply aims to help students to succeed in their studies, academically but also socially. During one year, we strived to build up solid foundations on which people can rely for years in terms of cohesion, shared values, …

#Social #Event Organisation #Team Management #Partnerships

Projects

google-docs-mustaches *Feb 2019 - Now*

#TypeScript #npm #GoogleApis

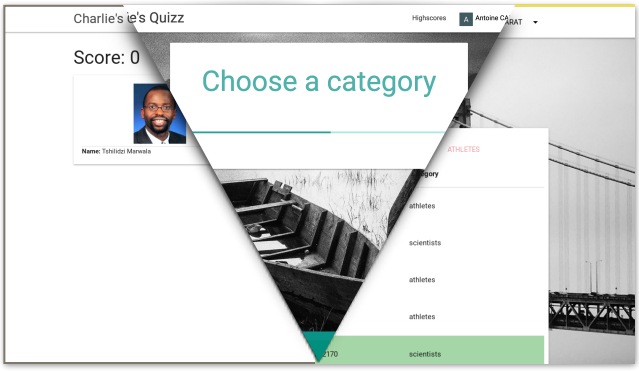
google-docs-mustaches is a npm library written in ***TypeScript*** that will execute requests to the Google Drive and Google Docs APIs to interpolate the placeholders in a document using the given data and export it to pdf in a drive folder.

I'm gladly working on this library which a friend of mine created. The v1.0 of the project is not released yet and we still have some work to do. We also try to work as professionally as possible to be able to share this with the open-source community and invite people to contribute easily.

More here: https://github.com/errorname/google-docs-mustaches

Charlie's quizz *Nov 2016 - Dec 2016*

#AngularJS #JavaEE #GoogleApis



Charlie's quizz is a web application deployed on Google App Engine, developed in JavaEE for the backend and AngularJS for the frontend.

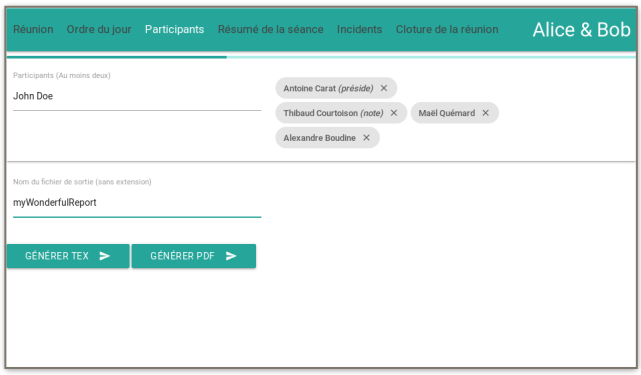
The particularity of this quiz is the source of the questions. Indeed, the questions are generated from open-datas. We designed the quiz around three themes: Scientists, Athletes and Battles.

We were four students working on this project, after having designed the product, we decide to divide us in two groups: one for the frontend and one for the backend. I mainly worked on the backend part, designing the REST API that be targeted by frontend.

More here: https://github.com/antoinecarat/CharliesQuizz

Report Generator *Jun 2017*

#VueJS



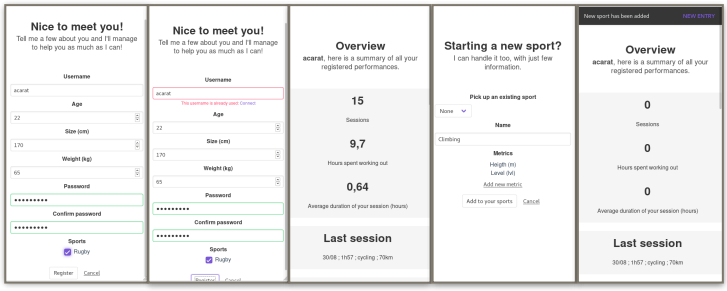
While I was heading Alice&Bob, I developed a web application using Vue.js to ease meeting report writing.

I worked on my own over an afternoon for this project, with some review from a friend of mine, engaged in the organisation too.

More here: https://github.com/antoinecarat/ReportGenerator

myCoachVic *Dec 2017*

#VueJS #NodeJS #MongoDB #MobileDesign



On my spare time, I worked on a personal project which is a sports sessions manager called Vic, referencing Victor Stone, aka Cyborg in DC comics' universe. Vic helps the user seeing their progress by displaying an overview of all past sessions. I develop this application with Vue.js, Node.js and a NoSQL database (MongoDB).

More here: https://github.com/antoinecarat/myCoachVic

Check out my other projects and contributions on my GitHub account.