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International Driver Licence

## Interests

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Algorithms, DevOps, Distributed Systems, IoT, Data Mining

## Work Experience

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- 2013-2014 IoT Developer, Resilient Distributed platform to collect sensors data, interact with rules. BigData benchmark, usecases: work environment improvement, energy consumption  
*Eldorado Research Institute, Campinas, Brazil* | [NodeJS, MQTT, Redis, MongoDB, Hadoop, Python]
- 2014 Jan-July Java Developer, USB communication between Android/Linux computers, DatePicker component creation and Undo function for the MIT project App Inventor  
*Facebook Open Academy, Menlo Park, USA* | [Python, Java, JS, Android, Bash, GWT, GAE]
- 2012-2013 Researcher Internship, Study of OS parameters impact on Transactional Memory simulation Design a Geographical DB for bird sounds storage | [Java, PostgreSQL, PostGIS, Jenkins/JUnit]  
*Laboratory of Distributed Systems/Laboratory of Information Systems - Campinas, Brazil*
- 2012-2014 Facebook Hackathon 2013 & 2014 (Honorable Mention), São Paulo, Brazil  
Intel Hackathon, Microsoft Wowzapp, Lyon Startup Weeekend 2012 (2nd place), Brazil/France  
Conference Attendance: Microsoft Techdays 11/12/16, GDG DevFest16, FOSDEM 12/16/17  
Cybersecurity Forum FIC 2017, Git Merge 2015/2017, WWW2012/2013/2015, BotConf 2015  
*Belgium/Brazil/Italy/France*
- 2005-2011 5 Summer jobs: choose & set-up an ERP, create a website, PHP Server for Industrial fleet supervision, prototyping touchscreens communicating by CANBus/Ethernet with PLCs  
*H-T-F, Méru, France* | [PHP, Javascript, Python]

## Academic Record

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- 2015-2016 PHD FELLOWSHIP Practical and verifiable secure multi-party computation for decentralized collaborative systems [Java/Vert.X, Docker, Kubernetes, GKE, Stanford NLP, SockJS]  
Auto-scaling experiment : Real-time sentiment analysis of 1.78 Billion tweets during Trump-Clinton debates | AICCSA 2016 Reviewer | WWW 2017 Perth/Australia  
6th/7th BIU Winter School | Cryptography on the Cloud/Differential Privacy *Tel Aviv/Israel*  
*INSA Lyon, Lyon, France*
- 2008-2014 MSc Computer Engineering, Double Diploma : UNICAMP and INSA DE LYON  
*University of Campinas (UNICAMP), Campinas, Brazil*

## Accomplishments

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Active watch ANSSI Cybersecurity Best Practices, Bruce Schneier, Gartner HC/MQ, HighScalability, Feedly  
Best Student 2015 Award of Cap Magellan - BCP Bank received at Hôtel de Ville in Paris (10/10/2015)  
Duolingo Contributor: French for Portuguese speakers, Portuguese for French speakers (2014-2017)  
Microsoft Student Ambassador (2010-2012) - Server Administrator at DSI-INSA Lyon (2010-2015)  
Imagine Cup 2007 (IA French finalist) - Webmaster (2005-Now) 16 websites: [vivrastcrepin.fr](http://vivrastcrepin.fr), [fossevalle.fr](http://fossevalle.fr)...

## Computer Skills

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PROGRAMMING: Java (Vert.X/J2EE), C/C++, Python (TensorFlow/Scikit-learn/Django), JS (Node.js), PHP, Go, Shell | HTML5/CSS3 | SQL/MongoDB | AWS/GKE/Azure

SOFTWARE/OS: Docker/Compose/Swarm/K8s, Maven/JUnit/Jenkins/Sonar/Git, Win/Unix

## Language Skills

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FLUENT: English, Portuguese

BASICS: Spanish

MOTHER TONGUE: French