

Armand Grillet

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Work Experience

- **Mesosphere** Hamburg, Germany - San Francisco, USA
Software Engineer level 2 - Cluster Ops team Oct. 2016 - Now
 - Development of the Mesos and DC/OS Command Line Interfaces, respectively in Python and Go. Both developments have required refactoring based on users' feedback and new design documents.
 - Work on Apache Mesos in Python, C++, and JavaScript. Improved the tools used by developers and operators, worked on the build and continuous integration systems. Review requests [available online](#).

Software Engineer - SRE team (Oct. 2016 - Sep. 2017)
 - Development and use of tools made to test and deploy DC/OS on AWS using Python and Terraform.
 - Monitoring and development of applications that use frameworks such as Marathon, Cassandra, and Kafka.
- **Beneto Software - Health Care Startup** Berlin, Germany
Software Engineering Intern Feb. 2016 - May 2016
 - Development of a desktop application in Go to send sensitive health information in the cloud.
- **INRIA - French Institute for Research in Computer Science and Automation** Rennes, France
Software Engineering Intern Apr 2015 - Jul. 2015
 - Release of a platform developed in Ruby on Rails for sharing algorithms like apps using Docker.
 - Integration of a container scheduler (Docker Swarm) to handle the load, improvement of the user experience (HTML/CSS/JS), management of the developer environments using Vagrant.
- **MGS Informatique - Web Design Agency** Blois, France
Software Engineering Intern May 2013 - Jul. 2013 | Apr. 2014 - Jun. 2014
 - Web development for multiple customers in HTML/CSS and PHP/MySQL.

Education

- **TU Berlin - KTH - University of Rennes 1** European Union
International Master's Programme in Cloud Computing Sep. 2014 - Sep. 2016 (Grad. Cum Laude)
 - Major in Cloud & Data Analytics, focused on creating scalable Web services.
 - Many group projects (e.g. using a Yelp dataset to find business opportunities) in addition to regular classes.
 - Two scientific papers written: [Comparison of Container Schedulers](#) and [Parallel Self-Tuning Spectral Clustering on Apache Spark](#) (master thesis), both reviewed by peers.
- **François Rabelais University** Blois, France
Bachelor of Computer Science Sep. 2011 - Jun. 2014 (Grad. Cum Laude)
 - Relevant courses: object-oriented programming (Java), web services (Java EE), design patterns (Java), operating systems (C), front-end development (HTML/CSS/JS), networks (with practical sessions).

Personal Projects

- **Adios** github.com/ArmandGrillet/Adios
 - Development of the first open-source advertisement blocker for iOS during a 3-week sprint.
 - Back-end (Adios-Engine) developed in Node.js, front-end in Swift. Application featured in *Le Figaro*.
- **Mado** github.com/ArmandGrillet/Mado
 - Text editor developed in JavaScript for Google Chrome. More than 3000 active users in April 2016.

Skills

- **Languages:** Go, Python, JavaScript (incl. Node.js and AngularJS), HTML/CSS.
- **Workflow:** development using VS Code, versioning using Git, Scrum project management using Jira.
- **Miscellaneous:** project management skills due to my master's minor in Innovation and Entrepreneurship and work experience. Strong verbal and written communication skills in French and English, intermediate level in German.