

Armand Grillet

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Work Experience

- **D2iQ (called Mesosphere until September 2019)** Hamburg, Germany - San Francisco, USA
Senior Software Engineer - Kubernetes team Oct. 2016 - Now
 - Working on Kommander's back-end, a product delivering federated management for Kubernetes clusters.
 - Certified Kubernetes Administrator by the Cloud Native Computing Foundation in February 2020.
- *Engineering Manager - Cluster Ops team* (Mar. 2019 - Sep. 2019)
 - Product owner of the DC/OS API client and Command Line Interfaces, open source projects in Go.
 - Two colleagues reporting to me, one senior software engineer and one remote software engineer.
- *Software Engineer level 2 - Cluster Ops team* (Sep. 2017 - Mar. 2019)
 - Development of the Mesos CLI in Python, refactoring of the DC/OS CLI from Python to Go.
 - Working on Apache Mesos to improve the tools used by developers and operators. Talk given at MesosCon 2018 in San Francisco: *Using and extending the new Mesos CLI*.
- *Software Engineer - Site Reliability Engineering 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
 - Development of a platform in Ruby on Rails to share algorithms created by researchers.
 - 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.
- **MGSI 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. Magna Cum Laude*)
 - Major in Cloud & Data Analytics, classes focused on creating scalable Web services.
 - 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*)
 - 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 in 2016.
 - Back-end 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. Bilingual proficiency in English and French, intermediate level in German.