

# Armand Grillet

Leipzig, Germany

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## Work Experience

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- **Mesosphere GmbH** Hamburg, Germany | Oct. 2016 - Now  
*Senior Software Engineer - Kubernetes team (remote)* (since Nov. 2019)
  - Working on Konvoy and Kommander, solutions to deploy Kubernetes on AWS, GCP, Azure, and on-prem with a set of addons for monitoring (Prometheus, Kibana, Grafana, Kubecost) and infrastructure management.
  - 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.
  - Synchronization between teams to release features that are implemented, tested, and documented on time.
  - Improvements of the CI/CD processes to respond faster when facing customer issues.
- *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. Presented my work at MesosCon 2018 in San Francisco, name of the talk: *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 GmbH - 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
  - Integration of a container scheduler (Docker Swarm) for the backend of a platform developed with Ruby on Rails. Improvements of the UX in HTML/CSS/JS, management of 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 using HTML/CSS/JS and PHP/MySQL.

## Education

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- **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

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- **Volt Europa AISBL (non-profit organization)** <https://www.volteuropa.org/>
  - Volunteering as lead of the European Tech team, working remotely with other volunteers across Europe.
  - Managing a team of 7 people working on Volt's website, intranet, and infrastructure.
- **Adios** <https://github.com/armandgrillet/adios>
  - Development of the first open-source advertisement blocker for iOS during a 3-week sprint.
  - Back-end developed in Node.js, front-end in Swift. Application featured in *Le Figaro*.

## Skills

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- **Development tools:** Go and Python. Terraform and Ansible. TeamCity and Jenkins. Kubernetes and Mesos.
- **Languages:** Strong verbal and written communication skills in English and French, intermediate level in German.
- **Workflow:** Programming using VS Code, versioning using Git, agile project management using Jira.