Armand Grillet

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Work Experience

Mesosphere GmbH — Hamburg, Germany | Oct. 2016 - Now

Senior Software Engineer - Kubernetes team (remote) — *(since Nov. 2019)*
- Working in Go on Konvoy and Kommander, products deploying Kubernetes on AWS, GCP, and on-prem with a set of monitoring addons (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

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

Volt Europa AISBL (non-profit organization, 25,000 members) — 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 our websites, 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

- **Programming tools**: Editor: VS Code, versioning: Git, languages: Go and Python, CI/CD: TeamCity and Tekton, provisioning: Terraform and Ansible, orchestration systems: Kubernetes and Apache Mesos, on-call: PagerDuty.

- **Languages**: Strong verbal and written communication skills in English and French, intermediate level in German.