Armand Grillet

Hamburg, Germany

armand.grillet@gmail.com
+33 6 07 35 34 37

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.

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.

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. Magna 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 in 2016.
  - 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. Bilingual proficiency in English and French, intermediate level in German.