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.
  – Working remotely since March 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** - **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 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.
  – 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

- **Programming languages**: Go, Python, JavaScript (incl. Node.js and AngularJS), HTML/CSS.

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

- **Workflow**: development using VS Code, versioning using Git, Scrum project management using Jira.