felix geller

I'm passionate about building a great team and simplicity in my solutions. My family and running help me to stay in balance while always looking for a new challenge.

#### Team Lead Software Engineer @ Movio ■ since Dec 2012

Led port of high throughput application to send email marketing campaigns from monolithic to microservice architecture.

Go · Scala · akka · Kafka · JSON · Cassandra · Docker · Kubernetes

Set up monitoring, alerting and continuous integration infrastructure for quick turnaround (dev to prod in 1 min) in microservice setting.

Prometheus · Grafana · Jenkins · Docker · Kubernetes

Technical lead for large client integration project.

Scala · akka · XML · MariaDB

Led interface localization of main web application.

PHP · Scala · Java · XSLT · gettext

Ported performance critical segmentation application from row- to columnoriented database to achieve 100-500x speed up.

Scala · PHP · XML · JSON · MariaDB · MariaDB ColumnStore / InfiniDB

# Software Engineer @ IPTEGO (now part of Oracle) ■ 16 months

Designed and developed web application for monitoring and inspection of possible fraud cases in VoIP network.

Python · Flask · Javascript · ExtJS · JSON

Developed a multi-process application to detect and prevent fraudulent use of VoIP networks based on packet inspection.

Python · Redis · ZMQ · JSON

### Software Engineer @ SAP Labs = 3 months, internship

Developed compiler-frontend and AST transformer for research programming language.

Newspeak · Javascript

# Software Engineer @ Finnlabs ■ 16 months, part-time

Transformation of semi-structured dictionary data for optimized search access on pons.eu.

XSLT · Java

Developed web application interface for community-driven dictionary.

Ruby · Ruby on Rails

# Software Engineer @ SAP Research 7 months, internship

Developed a mobile phone application to enable end-user access to SAP business services.

Java · XML · Android

Implemented an OASIS standard-compliant web-service messaging component.

Java · SAP Netweaver JEE · XML

#### Web Developer @ Worcester Polytechnic Institute = 13 months, part-time

Developed web interface to manage sensor readings from fire safety experiments.

Java · JSP/Servlets · Oracle DB

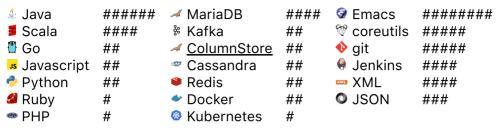
#### Assisted transport as community service @ Red Cross = 10 months

#### Software Engineer @ Charles River Laboratories **==** 2 months, internship

Designed and implemented a phone directory with support for user privileges.

Java · JSP/Servlets · MS SQL Server · MS Access

# Tech



# for one year experience

#### Academia

M.Sc. @ <u>Hasso Plattner Institut</u> ■ in 2010
B.Sc. @ <u>Worcester Polytechnic Institute</u> ■ in 2007
Ph. D. candidate @ <u>Hasso Plattner Institut</u> ■ 10 months
Teaching Assistant @ <u>Hasso Plattner Institut</u> ■ 6 months
Research Assistant @ <u>Brown University</u> ■ 2 months

credits