

# Florian Gauger

<https://gauger.io>  
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## EDUCATION

### Karlsruhe Institute of Technology

01/2018 • MS, Computer Science  
Grade: 1.3

### Karlsruhe Institute of Technology

10/2014 • BS, Computer Science  
Grade: 2.5

## LINKS

Portfolio://[gauger](#)

Github://[devgg](#)

LinkedIn://[floriangauger](#)

## LANGUAGES

German: native

English: fluent

## PROGRAMMING

### Proficient

Java, JavaScript, C++

### Advanced

SQL, OpenGL, OpenCL

### Familiar

Scala, Haskell, Matlab, R

## SOFTWARE

### Version Control

Git, SVN

### Build System

Gradle, Maven, CMake

### Web Technology

HTML, CSS, Node.js, jQuery

### IDE

IntelliJ IDEA, Visual Studio, XCode

## VOLUNTEERING

### Camphill School Aberdeen

08/2008 - 07/2009 • Aberdeen, GB  
Co-worker in shared living project for children with special needs.

### TV Malsch

07/2010 - now • Malsch, DE  
Web development and organization for local sports club.

## EXPERIENCE

### LUMO GRAPHICS SOFTWARE ENGINEER

12/2015 - now • 13 months • Karlsruhe, DE

- Technical project lead for a project for an international automotive company.
- Design and develop full-stack application in JavaScript and C++.
- Suggest, initiate and execute company-wide switch from SVN to Git.
- Reduce setup time of similar projects by 75% through generic implementation.

### SAP JAVA DEVELOPER (WORKING STUDENT)

10/2014 - 12/2015 • 14 months • Karlsruhe, DE

- Independently developed the core functionality of a Java application which is part of SAP HANA.
- Implemented generation, compilation, loading and testing of JPA-annotated classes completely in-memory.
- Identified bottlenecks through profiling and optimized performance by a factor of 1000.

### SAP JAVASCRIPT DEVELOPER (WORKING STUDENT)

06/2014 - 10/2014 • 4 months • Karlsruhe, DE

- Designed and implemented multiple functionalities of the object-relational mapping of the SAP HANA JavaScript library. Responsible for design of the testing framework for the whole project.
- All code added to production after extensive code review.

### SAP THESIS STUDENT

02/2014 - 06/2014 • 4 months • Karlsruhe, DE

- Title: A self-aware System for Performance Isolation in SaaS-Applications.

### SAP FULL-STACK DEVELOPER (WORKING STUDENT)

09/2012 - 02/2014 • 14 months • Karlsruhe, DE

- Designed and developed a web application with front and backend using SAPUI5 and the SAP HANA Cloud Platform.
- Set up Tomcat server, database and multiple backend services.

### KIT STUDENT TUTOR

10/2011 - 03/2012 • 5 months • Karlsruhe, DE

- Conducted a weekly tutorial on the basic notions of computer science with a group of 25 students.

## PROJECTS

### FONTICON GAUGER://FONTICON

Website to create favicons from Font Awesome icons. Preview icons live in the browser tab bar.

### ROBOZEN GITHUB://ROBOZEN

API that provides a central interface to the Robocup Simulation League. Implemented in Java, building and dependency management with Gradle.

### HERMES GITHUB://HERMES

A YAML-based protocol definition language. Features a Scala library which handles protocol parsing and message processing.