

# Florian Gauger

<https://gauger.io>  
[flo.gauger@gmail.com](mailto:flo.gauger@gmail.com)

## EDUCATION

### Karlsruhe Institute of Technology

12/2017 | MS - Computer Science  
Grade: 1.3 ~ 3.7 GPA

### Karlsruhe Institute of Technology

10/2014 | BS - Computer Science  
Grade: 2.5 ~ 3.0 GPA

## 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  
Co-worker in shared living project for children with special needs.

### TV Malsch

07/2010 - now | Malsch  
Web development and organization for local sports club.

## EXPERIENCE

### LUMO GRAPHICS | SOFTWARE ENGINEER

12/2015 - now | Karlsruhe

- Project lead for two projects 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 | Karlsruhe

- 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 | Karlsruhe

- 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

01/2014 - 05/2014 | Karlsruhe

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

### SAP | WEB APPLICATION DEVELOPER (WORKING STUDENT)

09/2012 - 01/2014 | Karlsruhe

- 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.

### KARLSRUHE INSTITUTE OF TECHNOLOGY | STUDENT TUTOR

10/2011 - 03/2012 | Karlsruhe

- 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.