

# Florian Benz

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## Education

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- 2011 - 2013 **Saarland University, Germany (M.Sc. Computer Science)**  
Final grade 1.0 (GPA 4.0/4.0)
- 2008 - 2011 **Saarland University, Germany (B.Sc. Computer Science)**  
Final grade 1.4 (GPA 3.6/4.0)
- 1998 - 2007 St.-Matthias-Gymnasium Gerolstein, Germany (high school)  
**Abitur 1.3** (high school diploma, 731/840, **Valedictorian**)

## Work Experience

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- 2015 - PRESENT **Scalable Capital GmbH** *Software Engineer*
  - Building the service from the ground up
- 2013 - 2014 **Mercateo Services GmbH** *Software Engineer*
  - Germany-based e-procurement platform
  - Full-stack developer working on the shop and catalog-based features
  - Member of the internal testing and front-end initiatives
- 2011 **SAP AG** *Intern*
  - Worked 7 weeks at the Custom Development division in St. Ingbert
  - Managed an internal project and developed a prototype for it
- 2011 **Google Switzerland GmbH** *Software Engineering Intern*
  - Worked 15 weeks as a part of the GMail Team at the Zurich office
  - Maintained the Closure Stylesheets project that is now open source
- 2009 - 2011 **Miaplaza Inc.** *Software Engineer/Consultant*
  - California-based Web 2.0 company (social networking, edutainment platform)
  - Specified, implemented, and tested new features throughout the stack
- 2009 - 2012 **Saarland University** *Tutor*
  - Led tutorial groups (15+ students) for three courses for computer science undergraduates as well as one course for graduates

## Awards and Achievements

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- 2013 **Günter Hotz Medal**
  - Recognition of outstanding professional performance for graduates of the Master's program
- 2006, 2008 **German National Computer Science Competition**
  - Germany's largest computer science competition (1,000+ competitors per year)
  - The competition consists of three rounds and problems are taken from different fields (e.g. algorithms, and theoretical computer science)
  - **Finalist** (i.e. top 28) in 2006 and 2008, **Award for Best Team Player** (2006)
- 2006, 2008 Honored by the State Minister of Education for being the top competitor in computer science from the state of Rhineland-Palatinate
- 2006 Schüler Forschen (regional contest for high school students)
  - Developed an administrative system (C#, 20,000+ lines of code) for a subsidiary organization of the Red Cross
  - **1st Place**

## Scholarships

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- 2013 **Programming Languages Mentoring Workshop Scholarship**
  - Travel scholarship for the workshop and POPL 2013 conference
- 2011 - 2013 **Saarbrücken Graduate School of Computer Science**
  - Full scholarship
- 2009 - 2011 **Honors Program for Computer Science undergraduates**
  - Top 5% of all computer science undergraduates
- 2009 - 2010 **Awarded Exemption from Tuition Fees**
  - Top 5% of all computer science students

## Publications

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- 2013 **An Effective Heuristic for the Smallest Grammar Problem**  
F. Benz and T. Kötzing. GECCO '13: Proceedings of the 15th International Conference on Genetic and Evolutionary Computation
- 2012 **A Dynamic Program Analysis to find Floating-Point Accuracy Problems**  
F. Benz, A. Hildebrandt, and S. Hack. PLDI '12: Proceedings of the 2012 ACM SIGPLAN Conference on Programming Language Design and Implementation

## Relevant Skills

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- Programming languages: Java, JavaScript, TypeScript, Go, C, C++
- Web technologies: HTML, CSS, AngularJS, jQuery
- Developed under Windows and Linux for many years
- Experience in working as part of a team
- Fluent in English

## Personal Interests

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Software development, Running, Traveling, Ultimate Frisbee