

Address:
somewhere in
Germany

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Person

Hard-working computer science student with a big interest in **graph theory** and **algorithms** who loves to work in teams with passionate people.

Education

10/2015 - 09/2016	Exchange Year in Japan	Kyoto Japan
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Exchange year at [Kyoto University](#)

- Studying Japanese
- Attending lectures at [Graduate School of Informatics](#)

since 10/2014	Master Studies Computer Science	Karlsruhe Germany
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Studies at [Karlsruhe Institute for Technology \(KIT\)](#)

- Specializing in “Algorithm Engineering” und “Parallel Algorithms”
- Minor in business studies: Innovation management and entrepreneurship
- Expected graduation date 07/2017

10/2010 - 10/2013	Bachelor Studies Computer Science	Karlsruhe Germany
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Studies at [Karlsruhe Institute for Technology \(KIT\)](#)

- Bachelor thesis “[Regular Augmentations of Planar Graphs with Low Degree](#)”; Grade 1.0, equiv. to grade A
- Minor in electrical engineering “biomedical techniques”
- Final grade 1.6, equiv. to grade A

09/2001 - 07/2010	Highschool Ludwig-Georgs-Gymnasium	Darmstadt Germany
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A-level with advanced courses in maths and English; Final grade 1,4, equiv. to grade A

Work Experience

since 05/2015	Backend Developer at Mapbox	Home Office
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Backend developer in Mapbox’s [directions](#) team

- Development of [OSRM](#), an open source routing machine for street navigation on OpenStreetMap

05/2014 - 10/2014	Internship at Philips Technologie GmbH	Aachen Germany
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Research internship at Philips Research in the department “Clinical Applications Research” with focus on medical image processing of MR images of the brain.

- Development and implementation of algorithms and evaluation skripts
- Systematical processing and evaluation of research data

10/2013 - 03/2014	Internship at CCS China Ltd.	Zhongshan China
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IT Internship working on the company’s Enterprise Resource Planning (ERP)

- Development of a PDM-module (Product Data Management) for the ERP-system
- Analysis of business processes, adaptation and introduction of the processes into the ERP system
- Training of colleagues and execution of a concept testing

05/2012 - 12/2012	Student Assistant at HIS Lab of KIT	Karlsruhe Germany
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Work on the project “Medical Simulation Markup Language (MSML)”.

- Concept and design of a markup language for biomedical simulations
- Project proposal awarded by the “Research Student Award” at KIT

Projects

10/2014 – **Research Project** Karlsruhe
09/2015 **Thrill** Germany

Development of a C++ framework for distributed big data computations on a cluster

- Design, development, evaluation of the framework

08/2014 – **Organisation of a** Karlsruhe
09/2015 **Girl's Coding Camp** Germany

Holding a one-week coding camp for highschool teenage girls in cooperation with the faculty of computer science teaching how to create websites

- Initiation, planning, organisation of a the camp
- Holding and teaching a [camp in summer 2015](#)

10/2011 – **Team Project** Karlsruhe
10/2012 **Lauffeuer** Germany

Developing a Windows Phone App to communicate after catastrophes by creating a decentralized network with Bluetooth

- Idea, concept, design, implementation, testing and presentation of the application
- 2nd place in national [Microsoft Imagine Cup 2012 \(Windows Phone\)](#)
- 2nd place at [Zukunftspreis Kommunikation 2012](#), a competition dedicated to innovative communication

since **Work at the** Karlsruhe
08/2011 **Student Council** Germany

Working in the student council for students of the mathematics and computer science faculty

- Student member in the faculty board (4 semesters)
- President of the student council (3 semesters)
- Weekly consultation hours
- Maintaining collection of study materials and exams

Other Information

Languages

Mother Tongue	German
Fluent	English (TOEFL 115/120)
Basic Knowledge	Vietnamese, Japanese

Other Skills

Programming Languages	C++, Python
Hobbies	Dancing, Choir

Seminars (among others)

Seminar "Leadership and Personality"	One-week seminar by the Munich School of Philosophy in 2015
Course "Artificial Intelligence"	Stanford's Online Course in 2011