

Fabian Stark

Curriculum Vitae

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Education

- 2014-Present **Master in Computer Science**, *Technical University of Munich*.
Focused on Mobile Development, especially iOS and Android.
- 2013–2015 **Master in Mathematics**, *Technical University of Munich*.
Focused on Optimization. Case Studies in Discrete Optimization: Traffic Network Optimization.
- 2013–2014 **Erasmus Term in Great Britain**, *Cardiff University*.
- 2011–2014 **Bachelor in Computer Science**, *Technical University of Munich*.
Taking care of incoming students from universities abroad in the TUMinternational program.
- 2009–2013 **Bachelor in Mathematics**, *Technical University of Munich*.
Tutor for the practical course Java Programming. Case Studies in Nonlinear Optimization: Recommender Systems. Practical Computer Course Nonlinear Optimization.
- 2008–2009 **Civilian service**, *Parzivál-Schule*, Munich.
Helping in classes of a school for children with special needs.
- 1995–2008 **Primary and Secondary School**, *Munich*.
Tutor in the lower grade. Member in the student government. Elective course Chess. Creation of the Internet Page of the school in the Multimedia Workshop. Language holiday in Malta.

Master Thesis in Computer Science

- Title *RGB-D image classification with Active Deep Learning*
- Description We improved the classification of images with Neural Networks by additionally considering depth information and improved the performance by learning during runtime.
- Grade in correction at the moment.

Master Thesis in Mathematics

- Title *Multi-digit Character Recognition of CAPTCHAs with Deep Neural Networks*
- Description We solved CAPTCHAs with Neural Networks and improved the performance by learning during runtime.
- Grade 1.0

Publications

- Title *CAPTCHA Recognition with Active Deep Learning*
- Workshop New Challenges in Neural Computation and Machine Learning, 2015.

Experience

- Aug 2015 – **Junior Android Developer**, *CHECK24 Holding*, Munich, part time.
Present Development of our Google Play Store Apps.
- Aug 2013 – **Working Student**, *CHECK24 Services GmbH*, Munich.
Aug 2015 Implementation of Web Crawlers.
- Feb 2012 – **Working Student**, *Compact-net GmbH*, Munich.
Sep 2014 Managing the content of the Intranet of *Hexal AG* in Microsoft SharePoint.
- May 2008 – **Working Student**, *Compact-net GmbH*, Munich.
Sep 2009 Helping in the web team of *McKinsey & Company* to create their Internet presence with HTML, CSS, JavaScript, PHP, ASP.NET, MySQL.
- May 2005 **Internship**, *Anton Steinecker Maschinenfabrik GmbH*, Munich.
Factory work and office work in the mechanical engineering company.

Computer Skills

- Basic C, C++, Objective C, Bash, MPI, ASP.NET.
- Intermediate Python, Mathematica, L^AT_EX, HTML, CSS.
- Advanced Java, PHP, JavaScript, jQuery, SQL, Matlab, Git, Apache, SSL.
- Miscellaneous Windows, Office, Linux, MacOS.

Languages

- German Native
- English Fluent
- French Beginner

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Personal Interests

- Hobbies Arduino, Chess.
- Sport Football, Wakeboarding, Windsurfing, Badminton, Skiing, Inline Skating.