Stephan Rabanser

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Education

M.Sc. in Computer Science	October 2015 – March 2018 (exp.)
Technische Universität München (TUM)	*Munich, Germany*
Honours Degree in Technology Management	August 2015 – March 2018 (exp.)
Center for Digital Technology and Management (CDTM)	*Munich, Germany*
Visiting Research Student	February 2016 – June 2016
Massachusetts Institute of Technology (MIT)	*Cambridge, MA, USA*
B.Sc. in Computer Science, Minor in Economic Sciences	October 2012 – October 2015
Technische Universität München (TUM)	*Munich, Germany*
Higher Education Entrance Qualification (A-levels)	September 2007 – July 2012
Technologische Fachoberschule "Max Valier"	*Bolzano, Italy*

Internships

Intern Software Development Engineer July 2016 – October 2016
Amazon Web Services (AWS) *Berlin, Germany*

- Developer on the OpsWorks team

iOS & API Developer March 2013 and May 2011
Südtiroler Informatik AG (SIAG) *Bolzano, Italy*

- Responsible for developing two in-house iOS applications:
  - Province-bounded weather app for iPhone
  - Province-bounded election results app for iPhone and iPad
- Supported and implemented parts of the corresponding APIs by using PHP.
- Held a 3h talk and tutorial session about iOS development, to teach some of the company's employees the basics of Obj-C.

Personal Projects

Tranzport May 2015
OS X Application & API *Munich, Germany*

- Developed JSON API to interact with Munich's public transportation system by using Ruby Sinatra.
- Developed corresponding OS X status bar application to display departures of any station in Munich.

Multiply & Hours January 2014 – September 2014
Startup & iOS Application *Munich, Germany & Berlin, Germany*

- Essential member in the establishment of a startup named Multiply at a very early stage.
- Mainly responsible for calendaring and time-management app Hours for iOS.
- Left Multiply in order not to loose focus on my academic career.

Piqup October 2013
iOS Application *Bolzano, Italy*

- Dropbox client which makes it easy to take exclusive pictures and to share them with a private group of choice.
- Ideal companion app for journalists who need to create watermarked pictures, e.g. for their blogs.

Apfeltech September 2010 – May 2014
German Tech Blog *World Wide Web*

- Headed daily business as Editor-in-Chief from 2011 to 2012.
- Helped coding parts of the website.

Awards & Honors

Elite Network of Bavaria   April 2016
Member   *Munich, Germany*

Apple Worldwide Developers Conference (WWDC)   June 2013
Student Scholarship Recipient   *San Francisco, CA, USA*

Stripe Capture the Flag   February 2012
Hacking Contest Participant   *World Wide Web*

- One out of 250 people, who successfully hacked themselves through Stripe's "Capture the Flag" contest.

Technical Strengths

Programming Languages	Swift, Obj-C, Ruby, Java, Python, C, Haskell, PHP, HTML5/CSS3, JS
Databases	MySQL, PostgreSQL, MongoDB
Tools	Git, Xcode, Sketch, Eclipse, IntelliJ, Framer Studio, LaTeX

Languages

German   Native
English   Fluent, TOEFL iBT 104
Italian   Fluent

Relevant Coursework

Stylight Now, Tech Lead   October 2015 – January 2016
Managing Product Development – CDTM   *Munich, Germany*

- Our team developed a simple and easy direct checkout solution for the fashion aggregator Stylight, a CDTM startup, to raise the conversion rate throughout their platform, but especially in their apps.
- Created iOS app (UI/UX + code) which will be further refined by Stylight and eventually incorporated into their live platform.
- Learned a lot about business development, user and market research, project management, and collaboration in a diverse team.

Practical Course Coach (iPraktikum – Bosch)   October 2015 – February 2016
Advanced Project Management – Chair for Applied Software Engineering   *Munich, Germany*

- Team coach for the Robert Bosch GmbH team as part of the iOS Praktikum WS 15/16.
- Developed a system that helps Bosch with matching active but also potential new suppliers to current Bosch projects in a smart and easy way.
- Cross-team modeling, architecture, and documentation instructor.

Prototyper   May 2015 – October 2015
Bachelor's Thesis Project – Chair for Applied Software Engineering   *Munich, Germany*

- Developed a workflow and a web service which enables Continuous Delivery of executable prototypes in early requirements engineering.
- Project will be developed further with theses, guided research projects, and student assistant positions.

Practical Course Participant (iPraktikum – Siemens iCATCH)   October 2014 – February 2015
iPraktikum – Chair for Applied Software Engineering   *Munich, Germany*

- Siemens iCATCH is a physical interactive interface which combines information, communication technologies, advertisements, games, and other services in the form of a modernized and redesigned Litfass column.
- Mainly responsible for system modeling, architecture, and documentation.
- Headed the "Fun" sub-team, which was responsible for developing a multiplayer rafting game on OS X.

Teaching Assistant   August 2014 – November 2014
Swift Introduction Course – Chair for Applied Software Engineering   *Munich, Germany*

- Held a 2h talk and prepared the corresponding tutorial about RESTful interaction with web services within iOS and OS X apps.
- Developed a course-matching sample API by using Java technologies (Maven, Glassfish, Jersey, JPA).
- Supported course administration by writing and reviewing course assignments.
- Highlighted by Apple as one of the first Swift courses at major universities.