

# STEPHAN RABANSER

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## EDUCATION

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

## INTERNSHIPS

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<b>Intern Software Development Engineer</b> <i>Amazon Web Services (AWS)</i>	July 2016 – October 2016 (exp.) <i>Berlin, Germany</i>
<ul style="list-style-type: none"><li>• Developed internal business intelligence tool (business metrics reporting) for new OpsWorks service offering.</li><li>• Gained deep insights into a broad range of AWS products and large-scale software development at Amazon.</li></ul>	
<b>iOS &amp; API Developer</b> <i>Südtiroler Informatik AG (SIAG)</i>	March 2013 and May 2011 <i>Bolzano, Italy</i>
<ul style="list-style-type: none"><li>• Responsible for developing two in-house iOS applications:<ul style="list-style-type: none"><li>• Province-bounded weather app for iPhone</li><li>• Province-bounded election results app for iPhone and iPad</li></ul></li><li>• Supported and implemented parts of the corresponding APIs by using PHP.</li><li>• Held a 3h talk and tutorial session about iOS development, to teach some of the company’s employees the basics of Obj-C.</li></ul>	

## PERSONAL PROJECTS

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<b>Tranzport</b> <i>OS X Application &amp; API</i>	May 2015 <i>Munich, Germany</i>
<ul style="list-style-type: none"><li>• Developed JSON API to interact with Munich’s public transportation system by using Ruby Sinatra.</li><li>• Developed corresponding OS X status bar application to display departures of any station in Munich.</li></ul>	
<b>Multiply &amp; Hours</b> <i>Startup &amp; iOS Application</i>	January 2014 – September 2014 <i>Munich, Germany &amp; Berlin, Germany</i>
<ul style="list-style-type: none"><li>• Essential member in the establishment of a startup named Multiply at a very early stage.</li><li>• Mainly responsible for calendaring and time-management app Hours for iOS.</li><li>• Left Multiply in order not to lose focus on my academic career.</li></ul>	
<b>Piqup</b> <i>iOS Application</i>	October 2013 <i>Bolzano, Italy</i>
<ul style="list-style-type: none"><li>• Dropbox client which makes it easy to take exclusive pictures and to share them with a private group of choice.</li><li>• Ideal companion app for journalists who need to create watermarked pictures, e.g. for their blogs.</li></ul>	
<b>Apfeltech</b> <i>German Tech Blog</i>	September 2010 – May 2014 <i>World Wide Web</i>
<ul style="list-style-type: none"><li>• Headed daily business as Editor-in-Chief from 2011 to 2012.</li><li>• Helped coding parts of the website.</li></ul>	

## AWARDS & HONORS

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### Elite Network of Bavaria

Member

April 2016

Munich, Germany

### Apple Worldwide Developers Conference (WWDC)

Student Scholarship Recipient

June 2013

San Francisco, CA, USA

### Stripe Capture the Flag

Hacking Contest Participant

February 2012

World Wide Web

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

## TECHNICAL STRENGTHS

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### 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, AWS

## LANGUAGES

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### German

Native

### English

Fluent, TOEFL iBT 104

### Italian

Fluent

## RELEVANT COURSEWORK

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### Stylight Now, Tech Lead

Managing Product Development – CDTM

October 2015 – January 2016

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)

Advanced Project Management – Chair for Applied Software Engineering

October 2015 – February 2016

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

Bachelor's Thesis Project – Chair for Applied Software Engineering

May 2015 – October 2015

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)

iPraktikum – Chair for Applied Software Engineering

October 2014 – February 2015

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

Swift Introduction Course – Chair for Applied Software Engineering

August 2014 – November 2014

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.