

# 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, BY, Germany</i>
<b>Honours Degree in Technology Management</b> <i>Center for Digital Technology and Management (CDTM)</i> <i>Technische Universität München (TUM)</i> <i>Ludwig-Maximilians-Universität (LMU)</i>	August 2015 – March 2018 (exp.) <i>Munich, BY, Germany</i>
<b>Visiting Research Student</b> <i>Massachusetts Institute of Technology (MIT)</i> <i>Sloan School of Management</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, BY, Germany</i>
<b>Higher Education Entrance Qualification (A-levels)</b> <i>Technologische Fachoberschule “Max Valier”</i>	September 2007 – July 2012 <i>Bolzano, BZ, Italy</i>

## INTERNSHIPS

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<b>iOS &amp; API Developer</b> <i>Südtiroler Informatik AG (SIAG)</i>	March 2013 and May 2011 <i>Bolzano, BZ, 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>	

## RELEVANT COURSEWORK

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<b>Advanced Project Management</b> <i>Practical Course Coach – Chair for Applied Software Engineering</i>	October 2015 – February 2016 <i>Munich, BY, Germany</i>
<ul style="list-style-type: none"><li>Team coach for the Robert Bosch GmbH team as part of the iOS Praktikum WS 15/16.</li><li>Developed a system that helps Bosch with matching active but also potential new suppliers to current Bosch projects in a smart and easy way.</li><li>Cross-team modeling, architecture and documentation instructor.</li></ul>	
<b>Prototyper</b> <i>Bachelor’s Thesis Project – Chair for Applied Software Engineering</i>	May 2015 – October 2015 <i>Munich, BY, Germany</i>
<ul style="list-style-type: none"><li>Developed a workflow and a web service which enables Continuous Delivery of executable prototypes in early requirements engineering.</li><li>Project will be developed further with theses, guided research projects and student assistant positions.</li></ul>	
<b>iOS Praktikum WS 14/15 – Siemens CT iCATCH</b> <i>Practical Course Participant – Chair for Applied Software Engineering</i>	October 2014 – February 2015 <i>Munich, BY, Germany</i>
<ul style="list-style-type: none"><li>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.</li><li>Mainly responsible for system modeling, architecture and documentation.</li><li>Headed the “Fun” subteam, which was responsible for developing a multiplayer rafting game on OS X.</li></ul>	

## Swift Introduction Course

Teaching Assistant – Chair for Applied Software Engineering

August 2014 – November 2014

Munich, BY, 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.

## AWARDS & HONORS

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### 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, Java, C, PHP, Haskell, Ruby, Python, HTML5/CSS3, JS

### Databases

MySQL, PostgreSQL, MongoDB

### Tools

Git, Xcode, Sketch, Eclipse, IntelliJ, Framer Studio, L<sup>A</sup>T<sub>E</sub>X

## PERSONAL PROJECTS

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### Tranzport

OS X Application & API

May 2015

World Wide Web

- 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

Startup & iOS Application

January 2014 – September 2014

Munich, BY, Germany & Berlin, BE, Germany

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

### Piquip

iOS Application

October 2013

Apple App Store

- 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

German Tech Blog

September 2010 – May 2014

World Wide Web

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

## LANGUAGES

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### German

Native

### English

Fluent, TOEFL iBT 104

### Italian

Fluent