

# STEPHAN RABANSER

☎ +49 (0)15731765174 ✉ steve@steverab.com 🌐 steverab.com, home.cs.tum.edu/~rabanser  
Einsteinstraße 3 – App. 240 — Garching bei München, Bavaria 85748 — Germany  
Via San Osvaldo 33 — Bolzano, Southtyrol 39100 — Italy

## EDUCATION

---

<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> <i>Center for Collective Intelligence</i> <i>Climate CoLab</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 (Matura)</b> <i>Technologische Fachoberschule “Max Valier”</i>	September 2007 – July 2012 <i>Bolzano, BZ, Italy</i>

## INTERNSHIPS

---

<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

---

<b>iOS Praktikum WS 15/16 – Robert Bosch GmbH</b> <i>University Practical Course Coach</i>	October 2015 – February 2016 <i>Munich, BY, Germany</i>
<ul style="list-style-type: none"><li>• Team coach for the Bosch development team.</li><li>• Cross-team modeling, architecture and documentation instructor.</li></ul>	
<b>iOS Praktikum WS 14/15 – Siemens CT iCATCH</b> <i>University Practical Course Participant</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>	
<b>Swift Introduction Course</b> <i>University Teaching Assistant</i>	August 2014 – November 2014 <i>Munich, BY, Germany</i>
<ul style="list-style-type: none"><li>• Held a 2h talk and prepared the corresponding tutorial about RESTful interaction with web services within iOS and OS X apps.</li><li>• Developed a course-matching sample API by using Java technologies (Maven, Glassfish, Jersey, JPA).</li><li>• Supported course administration by writing and reviewing course assignments.</li><li>• Highlighted by Apple as one of the first Swift courses at major universities.</li></ul>	

## AWARDS & HONORS

---

### 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

---

### Programming Languages

Swift, Obj-C, Java, C, PHP, Haskell, Ruby, Python, HTML5/CSS3, JS

### Protocols & APIs

XML, JSON, REST

### Databases

MySQL, PostgreSQL, MongoDB

### Tools

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

## PERSONAL PROJECTS

---

### 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 lose focus on 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

---

### German

Native

### English

Fluent, TOEFL iBT 104

### Italian

Fluent