

# 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> <ul style="list-style-type: none"><li>• Developer on the OpsWorks team.</li></ul>	July 2016 – October 2016 <i>Berlin, Germany</i>
<b>iOS &amp; API Developer</b> <i>Südtiroler Informatik AG (SIAG)</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>	March 2013 and May 2011 <i>Bolzano, Italy</i>

## PERSONAL PROJECTS

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<b>Tranzport</b> <i>OS X Application &amp; API</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>	May 2015 <i>Munich, Germany</i>
<b>Multiply &amp; Hours</b> <i>Startup &amp; iOS Application</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 loose focus on my academic career.</li></ul>	January 2014 – September 2014 <i>Munich, Germany &amp; Berlin, Germany</i>
<b>Piqup</b> <i>iOS Application</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>	October 2013 <i>Bolzano, Italy</i>
<b>Apfeltech</b> <i>German Tech Blog</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>	September 2010 – May 2014 <i>World Wide Web</i>

## 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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<b>Programming Languages</b>	Swift, Obj-C, Ruby, Java, Python, C, Haskell, PHP, HTML5/CSS3, JS
<b>Databases</b>	MySQL, PostgreSQL, MongoDB
<b>Tools</b>	Git, Xcode, Sketch, Eclipse, IntelliJ, Framer Studio, L <sup>A</sup> T <sub>E</sub> X

## LANGUAGES

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<b>German</b>	Native
<b>English</b>	Fluent, TOEFL iBT 104
<b>Italian</b>	Fluent

## RELEVANT COURSEWORK

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<b>Stylight Now, Tech Lead</b> <i>Managing Product Development – CDTM</i>	October 2015 – January 2016 <i>Munich, Germany</i>
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- 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.

<b>Practical Course Coach (iPraktikum – Bosch)</b> <i>Advanced Project Management – Chair for Applied Software Engineering</i>	October 2015 – February 2016 <i>Munich, Germany</i>
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- 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.

<b>Prototyper</b> <i>Bachelor's Thesis Project – Chair for Applied Software Engineering</i>	May 2015 – October 2015 <i>Munich, Germany</i>
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- 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.

<b>Practical Course Participant (iPraktikum – Siemens iCATCH)</b> <i>iPraktikum – Chair for Applied Software Engineering</i>	October 2014 – February 2015 <i>Munich, Germany</i>
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- 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.

<b>Teaching Assistant</b> <i>Swift Introduction Course – Chair for Applied Software Engineering</i>	August 2014 – November 2014 <i>Munich, Germany</i>
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- 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.