

# STEPHAN RABANSER

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## EDUCATION

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

## PERSONAL PROJECTS

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| <b>Tranzport</b><br><i>OS X Application &amp; API</i>   | May 2015<br><i>Munich, BY, 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><br><i>Startup &amp; iOS Application</i>   | January 2014 – September 2014<br><i>Munich, BY, Germany &amp; Berlin, BE, 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 loose focus on my academic career.</li></ul> |   |
| <b>Piquip</b><br><i>iOS Application</i>   | October 2013<br><i>Bolzano, BZ, 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><br><i>German Tech Blog</i>   | September 2010 – May 2014<br><i>Luxembourg</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>   |   |

## 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 |

## AWARDS & HONORS

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| <b>Elite Network of Bavaria</b><br><i>Member</i>   | April 2016<br><i>Munich, BY, Germany</i>   |
| <b>Apple Worldwide Developers Conference (WWDC)</b><br><i>Student Scholarship Recipient</i>  | June 2013<br><i>San Francisco, CA, USA</i> |
| <b>Stripe Capture the Flag</b><br><i>Hacking Contest Participant</i>   | February 2012<br><i>World Wide Web</i>     |
| <ul style="list-style-type: none"><li>• One out of 250 people, who successfully hacked themselves through Stripe’s “Capture the Flag” contest.</li></ul> |  |

## LANGUAGES

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

## INTERNSHIPS

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| <b>iOS &amp; API Developer</b><br><i>Südtiroler Informatik AG (SIAG)</i>  | March 2013 and May 2011<br><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>Stylight Now, Tech Lead</b><br><i>Managing Product Development – CDTM</i>   | October 2015 – January 2016<br><i>Munich, BY, Germany</i>  |
| <ul style="list-style-type: none"><li>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.</li><li>Created iOS app (UI/UX + code) which will be further refined by Stylight and eventually incorporated into their live platform.</li><li>Learned a lot about business development, user and market research, project management, and collaboration in a diverse team.</li></ul> |  |
| <b>Practical Course Coach (iPraktikum – Bosch)</b><br><i>Advanced Project Management – Chair for Applied Software Engineering</i>  | October 2015 – February 2016<br><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><br><i>Bachelor's Thesis Project – Chair for Applied Software Engineering</i>   | May 2015 – October 2015<br><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>Practical Course Participant (iPraktikum – Siemens iCATCH)</b><br><i>iPraktikum – Chair for Applied Software Engineering</i>  | October 2014 – February 2015<br><i>Munich, BY, Germany</i> |
| <ul style="list-style-type: none"><li>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.</li><li>Mainly responsible for system modeling, architecture, and documentation.</li><li>Headed the “Fun” sub-team, which was responsible for developing a multiplayer rafting game on OS X.</li></ul>   |  |
| <b>Teaching Assistant</b><br><i>Swift Introduction Course – Chair for Applied Software Engineering</i>   | August 2014 – November 2014<br><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>   |  |