

STEPHAN RABANSER

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EDUCATION

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

INTERNSHIPS

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

PERSONAL PROJECTS

Tranzport <i>macOS Application & API</i>	May 2015 <i>Munich, Germany</i>
<ul style="list-style-type: none">• Developed JSON API to interact with Munich’s public transportation system by using Ruby Sinatra.• Developed corresponding macOS status bar application to display departures for any station in Munich.	
Multiply & Hours <i>Startup & iOS Application</i>	January 2014 – September 2014 <i>Munich, Germany & Berlin, Germany</i>
<ul style="list-style-type: none">• Essential member in the establishment of a startup named Multiply at a very early stage.• Mainly responsible for calendaring and time-management app Hours for iOS.• Left Multiply in order not to lose focus on my academic career.	
Piqup <i>iOS Application</i>	October 2013 <i>Bolzano, Italy</i>
<ul style="list-style-type: none">• 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 <i>German Tech Blog</i>	September 2010 – May 2014 <i>World Wide Web</i>
<ul style="list-style-type: none">• Headed daily business as Editor-in-Chief from 2011 to 2012.• Helped coding key parts of the website.	

AWARDS & HONORS

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

Programming Languages

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

Databases

MySQL, PostgreSQL, MongoDB

Tools

Git, Xcode, Sketch, Eclipse, IntelliJ, Framer Studio, AWS

LANGUAGES

German

Native

English

Fluent, TOEFL iBT 104 (Oktober 2014)

Italian

Fluent

RELEVANT COURSEWORK

Stylight Now, Tech Lead

October 2015 – January 2016

Managing Product Development – CDTM

Munich, Germany

- Developed a simple and easy direct checkout solution for the fashion aggregator Stylight 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.
- Got hands on experience with business development strategies, user and market research, project management, and collaboration in a diverse team.

Spot.io, Bird Classifier

October 2015 – December 2015

Deep Learning Elective – CDTM

Munich, Germany

- Gained insights into the basics of applied machine learning and deep learning algorithms, frameworks and techniques.
- Trained multiple convolutional neural network by using Nvidia Digits and Caffe for different kinds of birds.
- Developed a classification pipeline for handing over images from a broadly trained network for general bird clusters to more granular networks for specific bird species.

Practical Course Coach (iPraktikum – Bosch Dots)

October 2015 – February 2016

Advanced Project Management – Chair for Applied Software Engineering

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

May 2015 – October 2015

Bachelor's Thesis Project – Chair for Applied Software Engineering

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.

Teaching Assistant

August 2014 – November 2014

Swift Introduction Course – Chair for Applied Software Engineering

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.