Stephan Rabanser

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Einsteinstraße 3 – App. 240 — Garching bei München, Bavaria 85748 — Germany

Via San Osvaldo 33 — Bolzano, Southtyrol 39100 — Italy

Education

M.Sc. in Computer Science October 2015 – March 2018 (exp.)
Technische Universität München (TUM) *Munich, BY, Germany*

Honours Degree in Technology Management August 2015 – March 2018 (exp.)
Center for Digital Technology and Management (CDTM) *Munich, BY, Germany*
Technische Universität München (TUM)
Ludwig-Maximilians-Universität (LMU)

Visiting Research Student February 2016 – June 2016
Massachusetts Institute of Technology (MIT) *Cambridge, MA, USA*
Sloan School of Management
Center for Collective Intelligence
Climate CoLab

B.Sc. in Computer Science, Minor in Economic Sciences October 2012 – October 2015
Technische Universität München (TUM) *Munich, BY, Germany*

Higher Education Entrance Qualification (A-levels) September 2007 – July 2012
Technologische Fachoberschule "Max Valier" *Bolzano, BZ, Italy*

Internships

iOS & API Developer March 2013 and May 2011
Südtiroler Informatik AG (SIAG) *Bolzano, BZ, Italy*

- Responsible for developing two in-house iOS applications:
  - 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.

Relevant Coursework

Advanced Project Management October 2015 – February 2016
Practical Course Coach – Chair for Applied Software Engineering *Munich, BY, 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, BY, 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.

iOS Praktikum WS 14/15 – Siemens CT iCATCH October 2014 – February 2015
Practical Course Participant – Chair for Applied Software Engineering *Munich, BY, Germany*

- 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" subteam, which was responsible for developing a multiplayer rafting game on OS X.

Swift Introduction Course August 2014 – November 2014
Teaching Assistant – Chair for Applied Software Engineering *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

Apple Worldwide Developers Conference (WWDC) June 2013
Student Scholarship Recipient *San Francisco, CA, USA*

Stripe Capture the Flag February 2012
Hacking Contest Participant *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, LaTeX

Personal Projects

Tranzport May 2015
OS X Application & API *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 January 2014 – September 2014
Startup & iOS Application *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.

Piqup October 2013
iOS Application *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 September 2010 – May 2014
German Tech Blog *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