

Markus Müller

I am a 22-year-old computer science student. I am highly-motivated and have proven my entrepreneurial spirit at several occasions. My current main interest are web applications. As former graphics designer at the "Formula 1 in Schools" competition and chief designer of the school newspaper, I still care about usability aspects instead of focusing purely on the technical side.

PRACTICAL EXPERIENCES

Freelance Software Developer - Nuclino GmbH (real-time collaboration wiki startup): In charge of upcoming desktop client; various features for web app - WeWash GmbH (Bosch GmbH spin-off for digitalization of shared laundry): Developed a web dashboard which displays important company information. The dashboard is permanently shown on a screen in WeWash's office	05/2016 - Present JavaScript, React, Node.js, Ruby
Software Developer (student project), subsequent paid Consultant Activities <i>Chair of Entrepreneurship, TUM & cluelab GmbH (copyright management startup)</i> - Developed a web crawler system which visits warez sites and collects links to illegal content to then conduct takedown requests - Recognized as a top contributing student by project advisors, hired for subsequent paid consultant activities by cluelab GmbH to commercialize the system	04/2016 - 12/2016 JavaScript, Angular 2, Python, Gitlab CI, Docker
Mobile Web App Developer (working student) <i>WeWash GmbH (Bosch GmbH spin-off for digitalization of shared laundry)</i> - Developed the initial prototype for the mobile web app to book and control washing machines - App was used by 25 real test users who exercised ca. 1000 test cycles - Close collaboration with UK-based backend development team	11/2015 - 03/2016 JavaScript, React
Software Developer (Bachelor's Thesis, subsequent activity as Research Assistant) <i>Chair of Software Engineering for Business Information Systems, TUM</i> - Developed "EmbeddedChat", a Chat-AddIn with video chat functionality for Siemens Solid Edge (CAD tool) - Presented in front of Siemens AG and Krones AG teams and implemented feature requests in preparation for test phases	04/2015 - 06/2016 JavaScript, AngularJS, Node.js, MongoDB, C#, WebSockets, WebRTC
Junior Consultant (internship) <i>TNG Technology Consulting GmbH</i> - Analyzed and evaluated real-time business reporting technologies for an internationally operating online fashion retailer - Implemented a reporting dashboard prototype and presented to the retailer's CTO	02/2015 - 04/2015 JavaScript, Node.js
Android Developer (internship, subsequent working student employment) <i>greenrobot UG (Android development agency)</i> Took part in two projects: - App for employee video training for an international customer - Chat messenger feature for internally developed TV program app	03/2013 - 07/2013 Android, Java

TECHNICAL SKILLS

Programming +++ JavaScript (ES6, TypeScript), HTML5, Node.js ++ Java, Python, PHP + C/C++, C#, Ruby, Scala, Erlang	Tools - Windows, Linux, git, LaTeX - RESTful APIs, Docker, Gitlab CI - MySQL, MongoDB, OrientDB
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EDUCATION

M.Sc. Computer Science <i>Technical University of Munich (TUM) - Munich Germany</i>	04/2016 - 09/2018 Current Average: 1.5 ¹
Exchange Student, focus on Software Engineering <i>École de Technologie Supérieure - Montreal, Canada</i>	08/2014 - 01/2015
B.Sc. Computer Science <i>Technical University of Munich</i> Bachelor's thesis with Siemens AG: "Development of a Social Extension for Real-Time Communication in CAD Software" (Grade: 1.0 ¹)	10/2012 - 10/2015 Top 30% Average Grade: 1.8 ¹
High-School Diploma ("Abitur") <i>Heinrich-Heine-Gymnasium - Munich, Germany</i> - Project leader of "Programming a Social Network" course, 250 sign-ups - World Finalist in "Formula 1 in Schools" competition, graphics designer - Chief Editor & Chief Designer of school newspaper	09/2004 - 06/2012 Best of all graduates Average Grade: 1.0 ²

SCHOLARSHIPS

Manage&More program, UnternehmerTUM <i>Entrepreneurial qualification scholarship (20 students/semester)</i> - Four-month consultancy project with Bosch Building Security, technical evaluation of connecting building and audio system controls, development of business models, presented results to a board member - Various workshops, e.g. "Design Thinking" project workshop with Hoerbiger GmbH and "Leadership and Personality" Spring School with Munich School of Philosophy	03/2015 - 03/2016
Foundation of German Business (sdw) <i>Scholarship for gifted students, incl. monetary grant by the German Government</i> - Participated in several interdisciplinary conferences and seminars, e.g. summer school on renewable energy and seminar on capital markets - Scholarship and its equivalents are granted to about 2% of all students in Germany	05/2013 - Present

PERSONAL PROJECTS

TUDO To-Do App, github.com/Sukram21/TUDO Command-line based To-Do app, publicly available via the Python Package Index	12/2016 Python, SQL
FlixFace Face Recognition, flixface.21solutions.de <i>3rd place out of 250 participants at TECHFEST Munich Hackathon</i> - Face recognition application to replace bus tickets - Cooperation partner: FlixBus, Europe's largest intercity bus provider	09/2016 Torch (Image Processing), Scala, React
dgraph Dropbox Visualization, joplapp.github.io/dgraph Web app to visualize one's Dropbox memory distribution	12/2014 - 01/2015 JavaScript
Photo Diary "A Photo a Day" Mobile web app where my family and me could upload daily photos to document the time during my term abroad	07/2014 - 09/2014 JavaScript, Node.js

HOBBIES

Running (training for half marathon), Squash, Tennis	Traveling (Last: Myanmar)
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LANGUAGES

Native in German	Fluent in English (C2) and French (B2)
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¹1.0 is best, 5.0 is worst

²1.0 is best, 6.0 is worst