

# 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.*

## CONTACT

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## PRACTICAL EXPERIENCES

- 05/2016 - Present **Freelance Software Developer**
- Nuclino GmbH (*real-time collaboration wiki startup*):  
In charge of upcoming desktop client; developed various web app features
  - WeWash GmbH (*Bosch GmbH spin-off for digitalization of shared laundry*):  
Developed a web dashboard which displays important company information.  
Dashboard is permanently displayed on a screen in WeWash's office
- 04/2016 - 12/2016 **Software Developer (student project), subsequent paid Consultant Activities**  
*Chair of Entrepreneurship, TUM & cluelab GmbH (copyright mgmt. startup)*
- Developed a web crawler system which finds links to illegal content
  - Recognized as a top contributing student by project advisors, hired for subsequent paid consultant activities to commercialize the system
- 11/2015 - 03/2016 **Mobile Web App Developer (working student)**  
*WeWash GmbH (Bosch GmbH spin-off for digitalization of shared laundry)*
- Developed mobile web app to book and control washing machines
  - App was used by 25 test users who exercised ca. 1,000 test cycles
  - Close collaboration with UK-based backend development team
- 04/2015 - 06/2016 **Software Developer (Bachelor's Thesis, subsq. work as Research Assistant)**  
*Chair of Software Engineering for Business Information Systems, TUM*
- Developed a text and video Chat-AddIn for Siemens Solid Edge (CAD tool)
  - Presented to Siemens AG and Krones AG teams and implemented feature requests in preparation for test phases
- 02/2015 - 04/2015 **Junior Consultant (internship)**  
*TNG Technology Consulting GmbH*
- 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
- 03/2013 - 07/2013 **Android Developer (internship, subsequent working student employment)**  
*greenrobot UG (Android development agency)*
- App for employee video training for an international customer
  - Chat messenger feature for internally developed TV program app

## TECHNICAL SKILLS

### Programming

+++ JavaScript (ES6, TypeScript), HTML5, Node.js  
++ Java, Python, PHP  
+ C/C++, C#, Ruby

### Tools

- Windows, Linux, macOS, git, LaTeX
- RESTful APIs, Docker, Gitlab CI
- MySQL, MongoDB, OrientDB

## EDUCATION

- 04/2016 - 09/2018 **M.Sc. Computer Science**  
*Cur. Average: 1.5<sup>1</sup>* *Technical University of Munich (TUM) - Munich Germany*
- 08/2014 - 01/2015 **Exchange Student, focus on Software Engineering**  
*École de Technologie Supérieure - Montreal, Canada*
- 10/2012 - 10/2015 **B.Sc. Computer Science**  
*Top 30%* *Technical University of Munich*  
*Final Grade: 1.8<sup>1</sup>* Bachelor's thesis with Siemens AG: "Development of a Social Extension for Real-Time Communication in CAD Software" (Grade: 1.0<sup>1</sup>)
- 09/2004 - 06/2012 **High-School Diploma ("Abitur")**  
*Best of all graduates* *Heinrich-Heine-Gymnasium - Munich, Germany*  
*Final Grade: 1.0<sup>2</sup>*
  - 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

## SCHOLARSHIPS

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

## PERSONAL PROJECTS

- 09/2016 **FlixFace Face Recognition**, [flixface.21solutions.de](http://flixface.21solutions.de)  
*3<sup>rd</sup> place out of 250 participants at TECHFEST Munich Hackathon*
  - Face recognition application to replace bus tickets
  - Cooperation partner: FlixBus, Europe's largest intercity bus provider
- 12/2014 - 01/2015 **dgraph Dropbox Visualization**, [joplapp.github.io/dgraph](http://joplapp.github.io/dgraph)  
Web app to visualize one's Dropbox memory distribution
- 07/2014 - 09/2014 **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

## HOBBIES

Running (training for half marathon), Squash, Tennis

Traveling (Last: Myanmar)

## LANGUAGES

Native in German

Fluent in English (C2) and French (B2)

<sup>1</sup>1.0 is best, 5.0 is worst

<sup>2</sup>1.0 is best, 6.0 is worst