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.

PRACTICAL EXPERIENCES

05/2016 - Present   **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. Dashboard is permanently shown 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	Tools
+++ JavaScript (ES6, TypeScript), HTML5, Node.js	- Windows, Linux, macOS, git, LaTeX
++ Java, Python, PHP	- RESTful APIs, Docker, Gitlab CI
+ C/C++, C#, Ruby	- MySQL, MongoDB, OrientDB

EDUCATION

04/2016 - 09/2018
Cur. Average: 1.5[1]

M.Sc. Computer Science
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
Top 30%
Final Grade: 1.8[1]

B.Sc. Computer Science
Technical University of Munich
Bachelor's thesis with Siemens AG: "Development of a Social Extension for Real-Time Communication in CAD Software" (Grade: 1.0[1])

09/2004 - 06/2012
Best of all graduates
Final Grade: 1.0[2]

High-School Diploma ("Abitur")
Heinrich-Heine-Gymnasium - Munich, Germany
- 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
3rd 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
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)

[1]1.0 is best, 5.0 is worst
[2]1.0 is best, 6.0 is worst