Resume

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Education

Bachelor at WWU Münster | 2013 – 2016

Bachelor of Applied Science (B.A.Sc.) in Information systems at the Westfälische Wilhelms-Universität Münster, combining computer science and business administration with a special focus on enterprise applications and architectures. Specialization during bachelor thesis on conception of datastructure dialects and development of an application for metadata management.

Exchange Semester at UIA Kristiansand | 2015

Participation in the bachelor and master program Information Systems at Universitetet i Agder with the courses Open Source, development of a mobile lecture support application, Hands-on-eBusiness for Entrepreneurs, development of a both mobile and desktop web shop, IT and Management, operational and strategic management of enterprise information technology, and Consumer Behaviour, analysis and prediction of psychological, social and cultural factors that affect consumer behaviour.

Abitur at Amos Comenius Gymnasium Bonn | 2004 - 2013

Exchange year at Lugoff-Elgin High School SC USA | 2010 - 2011

Experience

Software Engineer at CoreOS / RedHat | Jan 2017 - Present

Engineer working on the open source monitoring project **Prometheus** and its integration with the **Kubernetes** ecosystem to monitor cloud-native Linux container infrastructures. Implementing new testing infrastructures and development automations to support the upstream Prometheus project as well as the CoreOS Tectonic Kubernetes distribution. Presenting open source work at various IT conferences.

Software Engineer at Innoscale | Aug 2014 - Dec 2016

Development of a master data management web application. Involved as a back and front end JavaScript engineer. Spearheaded the introduction of a full stack JavaScript testing environment including a continuous integration pipeline to improve code quality and detect errors early. Coordinated and implemented the transformation of the UI to ReactJS reducing side effects and code reusability with a component based approach. Providing company wide ReactJS workshops to accelerate the transition.

Software Engineer / Sales Engineer at Contelligence | Feb - Jul 2014

Concept creation, development and sales of a Microsoft Office Add-on to support compliance processes for the enterprise document management in the finance sector. Responsible for the application software testing. Introduction of a new human ressource management framework.

Associate System Support Analyst at DHL IT-Services | Jul - Sep 2013

Working in the IBM AS400 and Linux operation team. Development of graphical visualization tool to analyse the operation alert system of the IBM infrastructure. Creating regular server security reports. Management of a database for internal license management.

System Administrator at Heuft Systemtechnik | Oct - Nov 2009

Supporting the internal IT department in hardware maintanance, network architecture and software distribution.

Volunteer & Extracurricular Work

Tutor and Mentor for Refugee Family | 2018 - current

Tutoring Math, Physics, English and German. Mentoring and assisting with authorities.

Prometheus Core Member | 2017 - current

Member of the upstream core team of the open source monitoring tool *Prometheus*, developing and maintaining source code, representing the project at tech-conferences and helping adoption in user communities.

Informationsdienst Umweltrecht e.V. | 2015 - current

Administrator for the non-profit *Informationsdienst Umweltrecht e.V.* for their online presence.

Student Council | 2013 -2016

Member of the *Fachschaft WiWi* student council, helping students of the faculty in their day-to-day student life, taking the role of the Website Administrator.

Math, Physics and English Tutor | 2010 - 2013

Technical Skills

- **Languages**: Go, Ruby, elm, JavaScript (NodeJS, Coffee Script), Java (EE), SQL, MongoDB query language, Haskell, Shell Scripting, Swift

- **Frameworks & Projects**: Kubernetes, Prometheus, Docker, git, LaTeX

- **Systems**: Linux (Android), Unix, Windows

Languages

- German (Mothertongue)
- English (Business fluent)