Jan Seeger

M. Sc.

Nordendstraße 26
80801 München
+4917629403411
jan.seeger@thenybble.de
thenybble.de
jeeger
jeeger

Education

2016–2021 **PhD. Candidate**, *Technische Universität München*, München, Chair for Network Architectures and Services, Prof. Dr.-Ing. Georg Carle
Working on Dissertation "Dependable IoT Choreographies"

2011–2015 **Master of Science**, *Technische Universität München*, München, GPA of 1.6
Studied abroad at Beijing Institute of Technology during Winter Semester 2012

2007–2011 **Bachelor of Science**, *Technische Universität München*, München, GPA of 2.3
Bachelor's degree in Computer Science

1998–2007 **Abitur**, *Gymnasium im Paul-Von-Denis-Schulzentrum*, Schifferstadt, GPA of 1.6
Studied at Deutsche Schule Shanghai in China 2000–2004

Work experience

October 2020– **Consultant**, INNOQ GmbH
General IT consulting

February 2016–January 2020 **Research Scientist IoT Systems**, *CT RDA IOT WLN-DE*, Siemens AG
Research on IoT and Automation engineering, participation in research projects

October 2014–March 2015 **Research assistant**, *Chair for Network Architecturess and Services*, TU München
Worked on *Crossbear* SSL certificate scanning project

February 2013–June 2014 **Research assistant**, *Chair for Network Architectures and Services*, TU München
Worked on *Crossbear* distributed SSL certificate scanning project

June 2011– May 2012 **Student research assistant**, *Chair for Network Architectures and Services*, TU München
Implemented Pastry peer-to-peer simulation in Java

Publications

2020 Seeger, Jan, Arne Bröring, and Georg Carle (2020). "Optimally Self-Healing

IoT Choreographies." In: ACM Transactions on Internet Technology. in press.

2019 Seeger, J. et al. (Jan. 2019). "Dynamic IoT Choreographies." In: IEEE Pervasive Computing 18.1, pp. 19–27. ISSN: 1536-1268. DOI: 10.1109/MPRV.2019.2907003.

Seeger, Jan, Arne Bröring, Marc-Oliver Pahl, et al. (June 2019). "Rule-Based Translation of Application-Level QoS Constraints into SDN Configurations for the IoT." In: Proceedings - 219 28th European Conference on Network and Communications. Valencia, Spain.

2018 Seeger, Jan, Rohit A. Deshmukh, and Arne Bröring (June 2018). "Running Distributed and Dynamic IoT Choreographies." In: 2018 IEEE Global Internet of Things Summit (GIoTS) Proceedings. Vol. 2. arXiv: 1802.03159. Bilbao, Spain: IEEE, pp. 33–38. ISBN: 978-1-5386-6451-3. URL: http://arxiv.org/abs/1802.03159 (visited on 02/13/2018).

Technology

Programming Languages Knowledge in Java, C, Python and G, good familiarity with Bash, played around with Lisp, Scheme, C++, OCaml, Lua, Assembler, VHDL, Clojure, Prolog and Haskell

Operating Systems Linux (Gentoo, Debian, Arch Linux), Windows

Languages & Other Qualifications

German Native speaker

English Excellent, C2 on DAAD test

French Basic

Chinese Basic

Certification PSM-1 certified Scrum master

Hobbies

- Hiking/Biking/Bouldering
- Board and computer games
- Cooking

München, October 2021