

Curriculum Vitae

Education

- From 10/2020 **PhD in Cognitive Science at Aix-Marseille University, France**
 - Development of Children's Communicative Coordination
- 10/2016 - 09/2019 **MSc Cognitive Science, Universität Tübingen, Germany**
 - Summer term 2018: Erasmus at the University of Amsterdam
 - Thesis: "Compositional Generalization in Image Captioning"
- 10/2011 - 03/2015 **BSc Computer Engineering, TU Berlin, Germany**
 - Thesis: "Design and Implementation of an Interface for the semantic-based Management of Virtualized Network Functions"

Experience

- 02/2019 - 07/2019 **Research internship at CoAStAL, University of Copenhagen, Denmark**
 - Understanding Compositionality in Multimodal Neural Language Models
- 07/2018 - 01/2019 **Internship at Fairphone, Amsterdam, The Netherlands**
 - Refactoring of a server for large-scale crash report collection and statistical analysis
- 11/2017 - 03/2018 **Project work at the chair of Cognitive Modeling, Universität Tübingen, Germany**
 - Building Compact Generative RNNs For Handwritten Letters
- 05/2015 - 08/2016 **Volunteer at Tegbare-id Polytechnic College, Addis Ababa, Ethiopia**
 - Database system and website design, IT support and administration
- 03/2015 - 05/2015 **Volunteer at Forum for Environment (FfE), Addis Ababa, Ethiopia**
 - Website design, IT support and administration
- 10/2012 - 02/2015 **Student Assistant at the chair of Next Generation Networks (NGN), TU Berlin, Germany**
 - Implementation of an experimentation framework for Future Internet testbeds (FITeagle)

Programming Skills

- Advanced skills **Python, Java, JavaScript, HTML, CSS**
- Basic skills **C, PHP, Matlab**
- GitHub **github.com/mitjanikolaus**

Languages

- Mother tongue: **German**
- Fluent: **English**
- Advanced skills: **Amharic, French, Arabic (Lebanese)**
- Beginner: **Dutch**