

Magnus Jahnen

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PROGRAMMING SKILLS

- **Languages:** Python, Java, SQL, C++, C, Kotlin, Swift, Objective-C(++)
Tensorflow, matplotlib, flask, RoR, Qt, pandas, Jupyter
- **Technologies:** PyTorch,
Tools: Docker, Jenkins, Jira, bamboo

EDUCATION

- **Stanford University** Stanford, CA
Visiting Researcher Human Computer Interaction Lab *Sep. 2016 – March 2017*
- **Center for Digital Technology and Management** Munich, Germany
Honours Degree Technology & Management *Aug. 2015 – June 2018*
- **Technical University of Munich** Munich, Germany
Master of Science in Computer Science; current GPA: 1.3 *2014 – 2018*

EXPERIENCE

- **Mercedes Benz Research & Development North America, Inc.** Sunnyvale, CA
Intern, Vehicle Intelligence *June 2017 - March 2018*
 - **Masters thesis:** Deep Inverse Reinforcement Learning for trajectory for trajectory planning in fully-autonomous vehicles
- **Bome Software GmbH** Munich, Germany
Freelancer *Current, from Nov. 2012*
 - **Application development:** Development of applications for PC/MAC/smartphones in the music sector, mainly regarding a software called MIDI Translator.
 - **Embedded development:** Development of a web based configuration utility for the BomeBox, an OpenWrt based embedded device featuring MIDI Translator.
- **eGym GmbH** Munich, Germany
Business Analyst *April 2016 – Aug 2016*
 - **Data analysis:** Data analysis and visualization using QlikView from different sources like (MySQL) databases, spreadsheets or CRM systems.
- **eleza e.V.** Munich, Germany
Co-founder *Nov. 2015 – Nov. 2017*
 - **Backend development:** Development of a platform to share solutions and best practices using Python and Flask for the backend and AngularJS with Foundation (CSS) for the frontend.
- **Canoco UG** Munich, Germany
Lead iOS Engineer *Mar. 2015 – Mar. 2017*
 - **iOS app:** Development of an iOS and Android application for Deutsche Bahn. The application allows finding other passengers and sharing a ticket (Bayern-Ticket) with them online.
- **CicloSport K.W. Hochschorner Gmb** Munich, Germany
Application Developer *April 2013 - Oct. 2014*
 - **Application development:** Development of applications for PC/MAC (Qt) to communicate with bicycle computers over USB or over the air (ANT+). Development of a BLE iOS application.
- **Rohde & Schwarz SIT GmbH** Munich, Germany
Lead Android Developer *Sep. 2011 - July 2012*
 - **Android app:** Development of an Android application for encrypted VoiP communication over IAX2 or SIP.

AWARDS

- **Scholarship** 2016
Rohde Stiftung
- **Most Innovative use of Neura** 2017
Treehacks (Stanford Hackathon)