



Sebastian **Nagel**

**BSC. ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGY**

*Geibelstr. 10, 81679 Munich, Germany*

☎ (+49) 157 37321816 | ✉ [basti.nagel@tum.de](mailto:basti.nagel@tum.de) | 📄 GitHub | 🔗 LinkedIn

## Education

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*Munich, Germany*

04/2017 - OPEN

### Technical University of Munich

*M.Sc. in Robotics Cognition and Intelligence*

*Munich, Germany*

10/2012 - 04/2016

### Technical University of Munich

*B.S. in Electric Engineering and Information Technology*

- Average Grade : 1,7

*Munich, Germany*

2004 - 2012

### Franz-Marc Gymnasium

*Abitur*

## Practical Experience

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*Erding, Germany*

03/2016 - 06/2016

### Remes Gmbh

*System Developer*

- Embedded Software Development in C

*Munich, Germany*

02/2016 - 03/2016

### Chair for Security in Information Technology

*Scientific Assistant as C++ Tutor*

- Introducing and supporting students throughout a C++ hands-on-training during the semester break

*Erding, Germany*

10/2015 - 02/2016

### Remes Gmbh

*Bachelor Thesis*

- Implementation of an Elliptic Curve Cryptography System on a 16-bit Micro Controller

*Munich, Germany*

09/2013 - 07/2015

### Chair for Neuroscientific System Theory

*Scientific Assistant*

- Hardware and Software Development of Robots
- Breadboarding (Soldering, PCB Manufacturing, Lasercutter)
- Collaboration and Testing of a Device Transforming 3D Visual Perception into a 3D Audio Landscape

*Perlach, Germany*

09/2013 - 10/2013

### KETEK Gmbh

*Internship*

- Manufacturing of Cable harness, Crimp- and Solder connections
- Qualification of Detector Systems

## Skills

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**Programming** (*Beginner*)

Linux, LaTeX, Python, Android

**Programming** (*Low-Intermediate*)

C, C++

**Languages**

German (Native), English (Proficient), French (Basic)

## Extracurricular Activity

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*Garching, München*

09/2016- NOW

### **Roboy Student Team ( Humanoid Robot )**

*Member*

- Basic Android App Development together with ROS
- Participation and Winning of the Roboy Hackathon 2016
- Development of a Custom Indoor Position Tracking System using the HTC Lighthouse System

## Interests

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**Sports**     Bouldern and Climbing, Surfing

**Hobbies**     Photography, Programming