Henry He

Curriculum Vitae

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Personal Information

Date of birth 19.01.1998
Nationality   German

Education

10/2016 - present	**Technical University of Munich**, German scale GPA: 1.7. B.Sc. Electrical and Computer Engineering Focus: Robotics, Artificial Intelligence, Communication Networks
2009 - 2016	**Carl-Bosch-Gymnasium**, *Ludwigshafen am Rhein*, Abitur, *Grade: 1.0*. Major courses: English, Mathematics and Physics
2006 - 2009	**German School Shanghai**, *Shanghai*, China.
2003 - 2005	**Nanjing International School** , *Nanjing*, China.

Honors

Abiturpreis DPG Awarded special distinction in physics by the German physics society (DPG)

Experience

Work

09/2018 - present	**Working Student**, *Intel Corporation*, Neubiberg. Developing Software Applications using Machine Learnig techniques for Intel's modem technology at Intel's Communication and Devices Group (iCDG)
11/2017 - 03/2018	**Student Assistant**, *Institute for Integrated Systems*, TUM. Typesetting the lecture notes of the System and Circuit Design Lab (EI0664) using LaTeX.

Teaching

04/2018 - 07/2018	**Teaching Assistant**, *Chair for Data Processing*, TUM. Giving tutorials for the introductionary programming course in C (EI0104)

Internship

08/2017 - 09/2017 **Engineering Internship**, *Student Project eCARus*, TUM, Munich.
- Porting eCARus 1.0's main-control-software from freescale MQX to FreeRTOS
- Producing an image film about eCARus

05/2016 - 07/2016 **Pre-study Internship**, *Heidelberger Druckmaschinen AG*, Wiesloch/Walldorf.
- Gaining insight into metalworking, electrotechnical basics and working procedures
- Assisting in production working in manufacturing and assembly

10/2012 **School Internship**, *BASF SE*, Ludwigshafen am Rhein.
Assisting BASF's DCS Engineering Department responsible for developing and maintaining distributed control systems.

Languages

German	native language	**Chinese**	proficient
English	highly proficient	**French**	conversational
Japanese	beginner		

Computer Skills

Software	Proficient in MATLAB, Git, Vim, LaTeX and MS Office
Programming Languages	Proficient in C/C++ and Python Basics in Bash, HTML5 and CSS
Operating Systems	Extensive experience with GNU/Linux and macOS

Extracurricular Activities

09/2017 - present **Board Member & Local Representative**, *ESN TUMi*, Munich.
TUMi is the local section in Munich within the Erasmus Student Network (ESN) providing an orientation and a cultural program for international exchange students at TUM throughout each semester.
My responsibilites as Board Member include:
- Leading a team with around 90 members
- Representing TUMi at ESN conferences both in Germany and Europe

09/2018 - present **VDE Schulinitiative**, *VDE Hochschulgruppe München*.
Organizing and facilitating 90 minute interactive class units for middle school students in order to raise enthusiasm for STEM.

10/2018 - present **Step Inside Mentor**, *ExploreTUM*, Munich.
Mentoring of a prospective student whom I am helping with chosing a study program and transitioning from highschool to university.