ONNO EBERHARD

EECS Student

University of Duisburg-Essen, Siemens AG

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 in onnoeberhard

EDUCATION

B.Sc. **Electrical Engineering and Information Technology**, *University of Duisburg-Essen.*
Oct 2016 – In addition to the 180 ECTS points from the degree, I am taking >80 credit points worth of Computer Science and Mathematics courses.
Expected GPA: 1.4 – 1.6 (1.0 is the best), Summer 2020

Aug – Dec 2018 **Exchange Semester**, *Nanyang Technological University Singapore.*
School of Electrical and Electronic Engineering, School of Computer Science and Engineering

2016 – 2019 **Vocational Education**, *Siemens Professional Education*, Mülheim an der Ruhr.
IHK Apprenticeship as Electronics Technician for Machines and Drive Technology.
Successful completion with IHK diploma (grade "good") in 2019.

2008 – 2016 **Secondary School**, *Georg-Büchner-Gymnasium Seelze*, Hanover.
Abitur with a GPA of 1.3 (1.0 is the best). *Valedictorian in Maths, English and Physics.*

EXPERIENCE

Many of my personal projects can be seen at https://blog.onnoeberhard.com/projects.

UDE **Student Research Assistant (Natural Language Processing)**
Oct 2019 – In the language technology group of the university I currently work on building a spell checking program specialized on errors from language learners. I built baseline models using traditional approaches and reproduced earlier findings. I am also working on a deep learning approach to the problem using the pre-trained language model BERT.
Language Technology Lab, University of Duisburg-Essen

Siemens **Working Student (Machine Learning)**
Sep 2017 – I work in the research and development department for steam turbine engineering. So far, I primarily worked on building a machine learning pipeline for automatic power prediction based on meteorological factors. In my work mainly use scientific Python tools. I will soon start writing my bachelor's thesis here on a topic related to deep learning.
Siemens AG, Mülheim an der Ruhr

UDE **Physics Lab Supervisor**
May – Aug 2019 *University of Duisburg-Essen*

Audi **Engineering Intern**
Jul 2015 *Audi AG, Ingolstadt*

Continental **Engineering Intern**
Jan 2014 *Continental AG, Hanover*

AWARDS & SCHOLARSHIPS

DAAD Awarded the *PROMOS* scholarship by the German Academic Exchange Service (DAAD) and
2018 the University of Duisburg-Essen.

UDE Awarded the *Deutschlandstipendium* scholarship by the University of Duisburg-Essen for ex-
2017 cellent academic achievements.

RoboCup Federation Second place at the RoboCup World Cup 2012 in Mexico City in the League *Rescue A Primary*,
2010 – 2014 Fourth place at the World Cup 2014 in João Pessoa in *Rescue A Secondary (Superteam)*.

VOLUNTEERING

RoboCup Federation I work as a volunteer at RoboCup Junior events. So far, I have worked at the RoboCup German
2019 – Open 2019 in Magdeburg and at the RoboCup Junior Euro 2019 in Hanover, both times acting as referee, supervisor and general volunteer.

CampusFM I work at my university's student radio station as an editor. I also help develop and maintain
2017 – our website and act as a represetative at events. *CampusFM e.V., Essen*

LANGUAGES

German	Native	**French**	Elementary (4 years at school)	**Latin**	Elementary (kleines Latinum)
English	Fluent	**Dutch**	Elementary (self-taught)	**Mandarin**	Elementary (HSK2 certificate)