Alexander Christoph
Bachelor of Science,
Electrical and Computer Engineering

ACADEMIC CAREER

Master's degree TU Munich   since 04/2020

- In Electrical and Computer Engineering (M. Sc.)

Bachelor's degree University of Stuttgart   10/2015 – 10/2019

- In Electrical and Computer Engineering (B. Sc.)
- Final grade 2.3
- Promoted by *Deutschlandstipendium* (08/2016 – 04/2017)

SCHOOL EDUCATION

Allgemeine Hochschulreife   09/2007 – 06/2015

- Johannes-Kepler-Gymnasium Weil der Stadt
- Final grad 1.7
- Participation in Robotics working group (09/2009 – 06/2015)
  - o Construction and programming of rescue and soccer robots
  - o Participation and win at regional competition in Weil der Stadt (12/2009, 12/2011, 12/2014 + 12/2015)
  - o Participation and win at qualification event in St. Augustin (02/2013, 02/2014 + 02/2015)
  - o Participation at German Open in Magdeburg (04/2010, 04/2014 + 04/2015)

PROFESSIONAL CAREER

Working student Mercedes Benz AG   03/2017 – 03/2020

- Assessing and Implementing various Machine Learning and Deep Learning Concepts in the sphere of manufacturing Infrastructure
- Organizing and Maintaining an high-end IT cluster for Machine Learning purposes
- Transferring local Machine Learning algorithms onto the cloud environment *Microsoft Azure*
- Implementing different show cases to proof the usability of neural networks in the sphere of image processing and image analysis

Contact

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🧭   Gabelsbergerstraße 34, 80333 Munich

Skills

Languages

German   ●●●●●

English (C1 Level)   ●●●●○

French (B1 Level)   ●●○○○

Programming Experience

Python   ●●●●●

Linux   ●●●●○

HTML / CSS   ●●●●○

SQL   ●●●○○

JavaScript / React.js ●●●○○

Java   ●●○○○

C++   ●○○○○

Working student Siemens AG   since 04/2020

- Researching the usability of various different Machine Learning and Deep Learning algorithms for Edge-Cloud Environments and intelligent manufacturing Infrastructure
- Implementing and Evaluating various aforementioned algorithms within an Edge-Cloud

VOLUNTEER WORK

Studentischer Automobilverband e.V.   since 11/2016

- Co-founder of initiative's Stuttgart branch
- Supporting the Development of Stuttgart's local college group
- Organizing events with the *SAV*'s cooperation partners

TSV Merklingen 1901 e.V.   03/2011 – 12/2019

- Operating as football referee for U8 and U6 tournaments
- Helping the catering of events
- Preparing and Post processing of events and game days
- Voluntary collecting of waste paper for the club

European elections   05/2014

- Assessor at electoral counting

PERSONAL INTERESTS

Sports (Football, Volleyball, Running, Swimming), Cars, Robotics, Coding