

Alexander Christoph

Bachelor of Science,
Electrical and Computer Engineering

ACADEMIC CAREER

- since 04/2020 Master's degree TU Munich
- Electrical and Computer Engineering (M. Sc.)
- 10/2015 - 10/2019 Bachelor's degree University of Stuttgart
- Electrical and Computer Engineering (B. Sc.)
 - Final grade 2.3
 - Promoted by *Deutschlandstipendium* (08/2016-04/2017)

SCHOOL EDUCATION

- 09/2007 - 06/2015 Johannes-Kepler-Gymnasium Weil der Stadt
- Allgemeine Hochschulreife
 - Final grad 1.7
 - Participation in Robotics working group (09/2009-06/2015)
 - Construction and programming of rescue and soccer robots
 - Participation and win at regional competition in Weil der Stadt (12/2009, 12/2011, 12/2014 + 12/2015)
 - Participation and win at qualification event in St. Augustin (02/2013, 02/2014 + 02/2015)
 - Participation at German Open in Magdeburg (04/2010, 04/2014 + 04/2015)

PROFESSIONAL CAREER

- since 04/2020 Working student Siemens AG
- 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
- 03/2017 - 03/2020 Working student Mercedes Benz AG
- 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



- 17 December 1996
- Munich
- +49 152 52434825
- Portfolio
- Github
- christoph.alex@t-online.de

Languages

- Deutsch
- ● ● ● ●
- English (C1 Level)
- ● ● ● ●
- French (B1 Level)
- ● ● ● ●

Programming

- Python
- ● ● ● ●
- Linux
- ● ● ● ●
- HTML / CSS
- ● ● ● ●
- C++
- ● ● ● ●
- SQL
- ● ● ● ●
- Javascript / React.js
- ● ● ● ●
- Java
- ● ● ● ●

VOLUNTEER WORK

- | | |
|-------------------|---|
| since 11/2016 | Studentischer Automobilverband e.V. <ul style="list-style-type: none">• Co-founder of initiative's Stuttgart branch• Supporting the Development of Stuttgart's local college group• Organizing events with the SAV's cooperation partners |
| 03/2011 - 12/2019 | TSV Merklingen 1901 e.V. <ul style="list-style-type: none">• 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 |
| 05/2014 | European elections <ul style="list-style-type: none">• Assessor at electoral counting |

PERSONAL INTERESTS

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

Data Science

Spark



Microsoft Azure



Microsoft ADLS



Microsoft DataBricks



Microsoft WebApps



Pytorch



Flask



Tensorflow



Django

