

# 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)

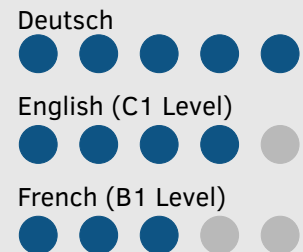
## PROFESSIONAL CAREER

- 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

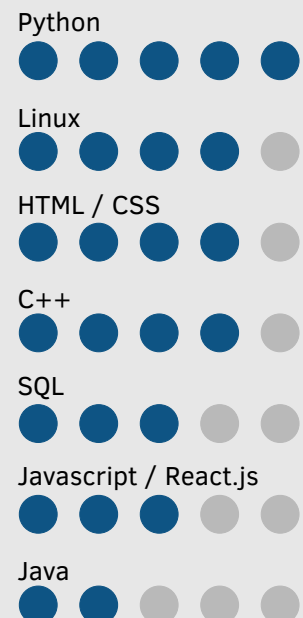


-  17 December 1996
-  Munich
-  +49 152 52434825
-  christoph.alex@t-online.de

## Languages



## Programming



## VOLUNTEER WORK

since 11/2016	<b>Studentischer Automobilverband e.V.</b> <ul style="list-style-type: none"><li>• Co-founder of initiative's Stuttgart branch</li><li>• Supporting the Development of Stuttgart's local college group</li><li>• Organizing events with the SAV's cooperation partners</li></ul>
03/2011 - 12/2019	<b>TSV Merklingen 1901 e.V.</b> <ul style="list-style-type: none"><li>• Operating as football referee for U8 and U6 tournaments</li><li>• Helping the catering of events</li><li>• Preparing and Post processing of events and game days</li><li>• Voluntary collecting of waste paper for the club</li></ul>
05/2014	<b>European elections</b> <ul style="list-style-type: none"><li>• Assessor at electoral counting</li></ul>

## 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

