Alina Pleli

✉ alinapleli@me.com   🏠 Tübingen

EDUCATION

Master of Science – Physics
Eberhard-Karls-University | Tübingen
2020/10 – Today
- » Major field of study: Applications for the processing of scatter images via Machine Learning

Bachelor of Science – Physics
Eberhard-Karls-University | Tübingen
2016/04 – 2020/09
- » Major field of study: Computational Physics
- » Topic of the bachelor thesis: Development of a Machine Learning Model for Classification and Segmentation for scatter images of various thin films (Grade 1.0)
- » Average grades: Good

School Education
Uhland Gymnasium | Tübingen
2006/09 – 2014/07
- » Graduation: Abitur
- » Average grades: 1.5

IT-KNOWLEDGE

- » Python (Very good knowledge)
- » Pytorch, scikit and other libraries (Very good knowledge)
- » C++ (Good knowledge)
- » JAVA (Basic knowledge)
- » MatLab (Basic knowledge)
- » Microsoft Office (Very good knowledge)

LINGUISTIC PROFICENCY

- » German (Mother tongue)
- » English (Very good knowledge)
- » Spanish (Basic knowledge)

EXPERIENCE

Master Thesis – Machine Learning
Eberhard-Karls-University | Tübingen
2020/10 – Today
- » Part of the Machine Learning Soft Matter Group
- » Project work in an international team
- » Development of an automated image pre-processing for scatter images of various thin films

Working Student – Machine Learning Engineer
BinDoc GmbH | Tübingen
2020/08 - Today
- » Development and Implementation of Machine Learning models for the Healthcare Sector

Working Student – Mathematical Optimization
Mercedes-Benz AG | Böblingen
2019/10 – 2020/08
- » Development of mathematical Optimization and Forecast Models in Supply Chain Sector

Working Student – Patent Research
Erbe Elektromedizin GmbH | Tübingen
2019/04 – 2019/10
- » Analysis of invention disclosures and state of the art
- » Familiarization with new technical contexts