

Alina Pleli



alinapleli@me.com



+49 176 45671772



Payerstr. 28, 72074 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)
- » Microsoft Office (Very good knowledge)
- » C++ (Good knowledge)
- » JAVA (Basic knowledge)
- » MatLab (Basic knowledge)

LINGUISTIC PROFICIENCY

- » 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