

Ole Petersen

peteole2707@gmail.com | Munich, Bavaria, DE

SUMMARYI am an outstanding student with a passion for software, scientific computing, simulation, aerospace and game theory.

EXPERIENCE, Working student DevOps 2020-09 — Present

- Solving Cloud Native problems in a team for Telekom Magenta Voice
- Generation of a unified OpenAPI spec for the Telekom Magenta Voice API
- Building and improving lots of automation tasks

, Tutor 2017-01 — 2020-09

AWARDS**Awardee of the final run of the 38th BWInf, Bundeswettbewerb Informatik**

- Got awarded in the final run of the 38th Bundeswettbewerb Informatik, a 2020-09 national competition for high school students in Germany

National mathematics Olympiad Germany, Mathematik-Olympiaden e.V. 2020-06

- Partisipation in the online version of the national mathematics olympiad

National mathematics Olympiad Germany, Mathematik-Olympiaden e.V. 2018-06

- Partisipation in the national mathematics olympiad
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VOLUNTEERING, Voluntary tutor in old school 2020-05 — 2020-06

- Voluntary support of mathematics and IT courses in my old school, helping out to overcome the difficulties of covid restrictions

Bundeswettbewerb Informatik, Jury member 2020-11 — Present

- Being part of the evaluation team for the Bundeswettbewerb Informatik twice a year (including a small compensation)
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EDUCATION**Technical University of Munich** 2020-10 — Present

- Engineering Science

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| ◦ Algorithmic Game Theory | ◦ Theoretische Physik I Mechanik | ◦ Theoretische Physik III Quantenmechanik |
| ◦ Computational Social Choice | ◦ Distributed Systems | ◦ Introduction to Deep Learning |
| ◦ Engineering Mechanics | ◦ Thermodynamics | ◦ Fluid Mechanics |
| ◦ Heat Transfer | ◦ Basics of Electronics | ◦ Material Science |
| ◦ Linear Algebra | ◦ Analysis | ◦ Tensor Calculus |
| ◦ Chemistry | ◦ Basics of CAD | |

Gymnasium Mainz-Oberstadt 2009-06 — 2020-04

Gymnasium -

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| ◦ Mathematics | ◦ Physics | ◦ English |
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SKILLS**Golang (Advanced):** programming

Typescript (Advanced): programming

C++ (Intermediate): programming

Julia (Intermediate): programming

Java (*Intermediate*): programming

Python (*Intermediate*): programming

Rust (*Beginner*): programming

PyTorch (*Intermediate*): library, AI

TensorFlow (*Intermediate*): library, AI

LANGUAGESGerman (*Native*) , English (*Fluent*) , French (*Beginner*) , Spanish (*Beginner*)