

RICHARD ABELE

Bachelor of Science – Physics

CONTACT

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EDUCATION

Eberhard Karls University of Tuebingen

2021-Present

Carmel High School (New York, USA)

2017-2021

LANGUAGES

English (Native)

German (Fluent, Certified C1)

Latvian (Fluent)

Spanish (~B1)

Japanese (~B1)

Mandarin (~A2)

HOBBIES

Logic Puzzles

Swimming

Biking

Reading

Learning Languages

Tea Culture

Chemistry

Cooking

Video Games

Programming

EXTRACURRICULARS

Science Club

2018-2021

- Engaged in scientific discussions and demonstrations

FRC Robotics Club

2017-2020

- Collaborated on designing, building, and programming robots for competitions

SUMMARY

A highly motivated and detail-oriented Physics student with hands-on experience in laboratory work and data analysis. Possesses strong teamwork and problem-solving skills, and fluency in multiple languages. Proficient in using a variety of software and techniques to find creative solutions to scientific problems.

EXPERIENCE

University Lab Courses

2022-2023

- Conducted experiments exploring a wide variety of physics phenomena
- Accumulated 90+ hours of hands-on lab experience
- Analyzed gathered data using MatLab and Mathematica
- Authored detailed lab reports

Home Lab Work

2017-2021

- Safely handled hazardous chemicals
- Performed various chemical experiments and optimized results using gathered data

High School Lab Work

2017-2021

- Completed dozens of lab experiments in advanced physics, chemistry, and biology

SKILLS

Technical Skills

- Proficient in MatLab, Mathematica, LaTeX, and various data analysis software
- Experience programming in C, specifically implementing simulations and numerical methods
- Extensive experience with both Windows and Linux operating systems

Laboratory Skills

- Handling hazardous chemicals safely
- Analyzing and optimizing experimental data

Soft Skills

- Strong problem-solving and analytical abilities
- Excellent teamwork and communication skills
- Highly organized and independent in task management