

# Bennet Karetta

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## Personal information

Name Bennet Noah Karetta  
Date of birth September 29<sup>th</sup>, 1997  
Place of birth Brunswick, Germany



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## Education

### University

04/2019 – present **Master studies in Physics**, *Johannes Gutenberg University Mainz*.

Desired degree: M.Sc. Physics

Thesis Preliminary title: "Simulation of the antiferromagnetic domain structure based on magnetoelectric considerations"

Advisor Prof. Dr. Olena Gomonyay

04/2016 – 03/2019 **Bachelor studies in Physics**, *Johannes Gutenberg University Mainz*.

Degree: B.Sc. Physics

Grade: 1.1

Thesis "Modelling of the magnetic states and phase transitions in hematite"

Advisor Prof. Dr. Olena Gomonyay

Second corrector Prof. Dr. Jairo Sinova

Grade 1.0

### School

2007 – 2016 **Secondary School**, *Gymnasium am Römerkastell, Alzey Germany*.

Abitur with grade 1.8

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## Honours and Awards

03/2019 **One year membership in the DPG e.V.**, (*on the suggestion of the school administration as acknowledgement for outstanding performances in the subject physics*).

03/2019 **One year membership in the DMV**, (*on the suggestion of the school administration as acknowledgement for outstanding performances in the subject math*).

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## Teaching

SS 2020 Tutor in "Theoretical Classical Mechanics" with Prof. Dr. Thomas Speck

WS 2019/20 Tutor in "Mathematical Calculation Methods" with Prof. Dr. Friederike Schmid

SS 2019 "Data Analysis with Mathematica" (Summer course)

Assistant in the "Basic Lab Course 2" (for physicists)

Tutor in "Mathematical Calculation Methods for Education Students 2" with Juniorprof. Dr. Marialore Sulpizi

WS 2018/19 Tutor in "Mathematical Calculation Methods for Education Students 1" with Juniorprof. Dr. Marialore Sulpizi

SS 2018 "Data Analysis with Mathematica" (Summer course)

Assistant in the "Basic Lab Course" (for chemists)

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## Expertise

### Programming

Python Good

Awk Fair

### Software

Mathematica Very good

LaTeX Very good

Microsoft Office Very good

Gromacs Fair

CP2K Fair

### Operating System

Windows Very good

Linux Fair

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## Other

04/2016– 09/2017 Member of the student council representatives

Webmaster of the student council webpage

Since 2015 DLRG Lifeguard Batch

03/2014 Two week student internship at Schott A.G.

Since 2013 Member of the Sound Engineering Team of the Christuskirche Westhofen

2011– 2015 Member of the Children's Church Team of the Christuskirche Westhofen

09/2010 Two week student exchange in Josselin, France