AMANDA MATTHES

Website	amanda-matthes.github.io
E-mail	amanda.matthes@gmail.com
LinkedIn	linkedin.com/in/amanda-matthes

EDUCATION

10/2019 - 09/2023: **University of Oxford** - Oxford, UK

PhD student at the EPSRC AIMS CDT (Departments of Computer Science and Engineering)

10/2015 - 07/2019: **University of Heidelberg** - Heidelberg, Germany

BSc in Physics - Grade: 1.3*

09/2017 - 06/2018: **University of Manchester** - Manchester, UK

Erasmus+ year at the Department of Physics and Astronomy

09/2010 - 07/2015: **St.-Anna-Gymnasium** - Munich, Germany

Abitur (German A-levels) - Grade: 1.4*

WORK EXPERIENCE

07/2019 - 08/2019: **CERN** - Geneva, Switzerland

Intern at the data centre as part of the CERN Summer Student Programme

03/2019 - 05/2019: **Institute for Computer Engineering (ZITI)** - Heidelberg, Germany

Student Research Assistant for the Computer Architecture Group

10/2018 - 03/2019: **University of Heidelberg** - Heidelberg, Germany

Teaching Assistant for the course "Introduction to technical computer science"

SKILLS

Languages	English	Bilingual proficiency
	German	Bilingual proficiency
	French	Elementary proficiency
Coding	Python	Data analyis, data visualisation, application development
	C	Embedded firmware development
	C++	Application development
	Verilog	Hardware design
Software Skills	PCB design with EAGLE	
	Computer-aided design (CAD) with Fusion 360	
Hardware Tools	Fused deposition modelling (FDM, 3D printing with filament)	
	Stereolithography (SLA, 3D printing with resin)	

Oxford, 2023

*German grades work on a scale of 1.0 to 6.0, with 1.0 being the best.