

CV - Felix Peter Paul

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Professional Experience

Atruvia Master thesis cooperation <i>Atruvia AG</i> <ul style="list-style-type: none">Exploring and explaining Fully Homomorphic EncryptionDefine and evaluate practical use cases of this cryptographic technique	08/2023 – 04/2024 Karlsruhe Germany
University Tutor <i>Johannes Gutenberg-University Mainz</i> <ul style="list-style-type: none">Provided one-on-one and group tutoring sessions for undergraduate students in Stochastics, Logic, Analysis, Linear Algebra, Computer Algebra, and Complexity Theory.Excellent communication and interpersonal skills.Ability to simplify complex concepts for better understanding.	06/2018 – 11/2023 Mainz, Germany

Education

Master of Science in Computer Science <i>Johannes Gutenberg-University Mainz</i> <ul style="list-style-type: none">current grade: 1.0field of study: Machine Learning and Data Mining	12/2021 – Present Mainz, Germany
Bachelor of Science in Computer Science <i>Johannes Gutenberg-University Mainz</i> <ul style="list-style-type: none">final grade: 1.7field of study: It-Security and Blockchain	10/2017 – 12/2021 Mainz, Germany
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Bachelor of Science in Mathematics <i>Johannes Gutenberg-University Mainz</i> <ul style="list-style-type: none">final grade: 1.6field of study: Stochastics and Computational Algebra	04/2018 – 04/2024 Mainz, Germany
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Master of Education in Mathematics and Computer Science <i>Johannes Gutenberg-University Mainz</i> <ul style="list-style-type: none">final grade: 1.4field of study: Cryptography and Coding TheoryMaster thesis about Goppa Codes and the McEliece crypto system	02/2022 - 11/2023 Mainz, Germany
Bachelor of Education in Mathematics and Computer Science <i>Johannes Gutenberg-University Mainz</i> <ul style="list-style-type: none">final grade: 1.6field of study: Stochastics and Computational Algebra	10/2017 – 02/2022 Mainz, Germany
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High School Education <i>Herzog-Johann-Gymnasium</i> <ul style="list-style-type: none">final grade: 1.2field of study: Mathematics, Physics and Geography	2009 – 03/2017 Simmern, Germany

Volunteering

Codenight

04/2022 – 04/2023

High School Nieder-Olm

Nieder-Olm, Germany

- Volunteer leader of programming workshops
- Topics: Website Programming, Game Programming (Car Race, Ping Pong) AI Programming for Tic Tac Toe

Other projects

2018 – 2022

for different people

Mainz, Germany

- App Development
Ai-based app with text recognition for reading a children's book aloud.
- *NECK* - Network Construction Kit
Learning website to play around with Neuronal Networks and implement own learning strategies

Junior Coach

01/2015 – 10/2017

JFV Rhein-Hunsrück e.V. (Soccer Club)

Simmern, Germany

- Technique, coordination and speed training
- Advanced training on differential learning and Tanner Speed

Awards & Honors

Springer Best Masters

for an outstanding master thesis about code-based cryptography

Springer

2024

Deutschlandstipendium for outstanding study performance

Private companies and the German state

2018, 2020, 2021, 2022

Prize of the German Mathematical Society

for outstanding performance in mathematics in the Abitur

German Mathematical Society

2017

Günter-Felke Prize

for Computer Modellling the perfect hiking path

Günter-Felke Foundation

2016

Specialized Skills and other Interests

• **Programming Languages**

Advanced: Python

Intermediate: SQL, R, Matlab

Beginner: Julia, C++, Scala

- **Languages:** German (mother tongue), English (business fluent), French (school)
- **Interests:** soccer, triathlon, climbing, beach volleyball