

Pau Brinkhaus Tort

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QUALIFICATIONS SUMMARY

- Deep theoretical knowledge in computer science and economics.
- Broad practical experience in bioinformatics, embedded systems and quantitative economics.
- Proven fast orientation in new areas of knowledge and proven interest in diverse fields.

WORK EXPERIENCE

DIGITEC GmbH

Working Student

Hamburg, Germany

October 2025 - present

- Software development of the global standard for FX swaps pricing technology.
- Setting up Renovate to improve security and reduce manual maintenance.

Kiel University

Student Assistant, Chair for Public Finance

Kiel, Germany

May 2024 - July 2025

- Data analysis and visualization for multiple research projects using Stata and R.
- Automated and manual data collection.
- Supporting the chair's teaching activities.

Fraunhofer IPMS

Working Student

Dresden, Germany

August 2022 - March 2023

- Developing a test framework for software-based functional testing of the EMSA5.
- Setting up a IDE for software development for the EMSA5 with Eclipse and OpenOCD.

Fraunhofer IPMS

Internship

Dresden, Germany

April 2022 - August 2022

- Developing ML applications for the EMSA5 using Tensorflow Micro Lite.
- Setting up a RISC-V compiler toolchain with GCC that makes use of auto-vectorization.
- Exploring alternative ML algorithms for use on the EMSA5.

Helmholtz Centre for Environmental Research (UFZ)

Internship

Leipzig, Germany

April 2021 - May 2021

- Building a proteomic database using mass spectrometry measurements and theoretical data.
- Analysis of measurements using the database.

EDUCATION

Kiel University

M.Sc. Computer Science

Kiel, Germany

October 2023 - present

Kiel University

M.Sc. Economics

Kiel, Germany

October 2023 - present

University of Leipzig

B.Sc. Business Information Systems

Leipzig, Germany

October 2019 - May 2023

Universidad de La Laguna

Erasmus

San Cristóbal de La Laguna, Spain

September 2021 - February 2022

SKILLS

- Independent development of domain specific concepts and programs with scientific and economic value.
- Honest and empathic teammember who values and contributes to a productive and friendly environment.
- Technical proficiencies: C/C++ (Advanced), Python (Advanced), Rust (Advanced), SQL (Intermediate), R (Intermediate), Stata (Initial experience), n8n, gitlab, renovate

LANGUAGES

- German & Catalan - native speaker
- Spanish & English - working proficiency
- Chinese & French - basic