

Christian Bernhard

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Education

M. Sc. Computer Science - Ludwig-Maximilians-Universität München 2022 – 2025

• **Focus: Artificial Intelligence** | Software Engineering, Quantum Computing (Current grade: **1.4**)

B. Sc. Business Informatics – University of Applied Sciences München 2018 - 2022

• **Bachelor thesis: Natural Language Processing** – Effort Estimation in Agile Projects (**1.0**)

• **Nominated:** Bavarian Elite Academy, Scholarship model of the I.C.S. e.V.

Skills

Languages: Python, Swift, Java, JavaScript

Technologies: PyTorch, Git, Docker, Kubernetes, React.js, MongoDB, Next.js, Express.js, FastAPI

Focus: writing clean, reliable and reusable code

Work Experience

Backend Developer – Aqarios 04/2023 – now

• Developing the platform QuCUN: a joint project (**SAP, BASF, LMU**) with the aim of establishing a central contact point for applications of **quantum computing in Germany**

• developing different **backend microservices (Azure DevOps)**

Software Engineer – Adesso SE 09/2020 – 03/2023

• Developing a **deep learning** project

• Developing and launching the iPadOS app “wryte” from scratch: <https://www.wryte.io/>

• **Team Leader** for an **international team, responsible for the App Store launch** and updates, appearance on the german tv-version of shark tank, **rank 1 Appstore** in the education section

• **Coaching** other student and intern teams, regularly presenting results to the department

Engineering Fellow – Tech4Germany Fellowship Program (Berlin) 08/2022 – 11/2022

• Developed a web-app dashboard for the Federal Ministry of Finance

• 32 talents develop prototypes for concrete digital projects of the federal administration

Business Intelligence - Swiss Life 04/2020 – 09/2020

• SQL test scripts, Data Warehousing

Datamanagement for Machine Learning – ProSiebenSat. 1 08/2019 – 12/2019

• Supporting the agile development team in various data technology projects

Further Programming Expertise

Courses

• **Generative AI** with **Large Language Models** - Deeplearning.AI & AWS

• **Sequence Models** - Deeplearning.AI

• Neural Networks and Deep Learning + Hyperparameter Tuning, Regularization, Optimization

• React Native & Angular - The Complete Guide

Furthermore

• Attended HackaTUM; **Kaggle - Computer Vision Hacking the Human Vasculature**

Languages: German (Native), English (Fluent), Spanish (Beginner), Chinese (Beginner)