

# Christian Bernhard

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## Education

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

• **Focus: Artificial Intelligence** | Software Engineering, Quantum Computing (Current grade: **1.3**)

**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

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**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

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**Head of Software Development – Aqarios** 04/2023 – now

• started as backend developer, developing different backend microservices (Azure DevOps)  
• now I lead and manage a talented team of software developers towards the development of the Aqarios Luna Platform: Bridging the Gap between Business and Quantum.

**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

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### 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)