

Yiyi Niu

[LinkedIn](#) | [GitHub](#) | [Leetcode](#)

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ABOUT ME

A dedicated and aspiring Computer Science Student, currently pursuing my Bachelor at Ludwig-Maximilians-Universität München. I'm eager to apply my programming skills and passion for technology in a dynamic and collaborative environment, and I have hands-on experience in web development and deep learning model training. I'm seeking an internship opportunity that aligns with my interests and goals.

EDUCATION

Ludwig-Maximilians-Universität München
Bachelor of Science in Computer Science and Statistics

Munich, Germany
April 2022 - now

University of Bayreuth
Bachelor of Science in Computer Science

Bayreuth, Germany
April 2021 - March 2022

TECHNICAL STRENGTHS

Languages : Java, Python, Haskell, Cpp, JavaScript
Frameworks : Node.js, React, Pytorch, Vue
Databases : MySQL
Technologies : CSS, HTML5, Latex, MVC, Azure, Shell Script
Dev Tools : GitHub, Jupyter Notebook, Docker, Emacs

RELEVANT COURSEWORK

Informatik : Algorithms&Data Structures/Operating Systems/Database Systems/Computer Networks/Software Engineering/Computer Architecture/Machine Learning/ Introduction to Deep Learning
Statistik : Stat1&2/Linear Models/Time Series Analysis

PROJECTS&PRACTICUMS

Robo Rally *Java, JavaFX, CSS, Git* [Source Code](#)

- Designed and developed the login window and gameboard UI; utilized the responsive functionality of whole cards and card shop using Java& JavaFX
- collaborated with the Backend team to refactor the project architecture and implement card-specific functionalities. Implemented this strategy game using MVVM

Capgemini Micro Internship *Case Study*

- Collaborated with production and sales subject matter experts to gather information about their work processes, with the aim of developing IT consulting-related competitiveness and profitability strategies
- Worked in interdisciplinary teams to formulate hypotheses regarding profit loss and customer trust erosion. Leveraged my IT expertise to propose solutions for enhancing drone computer vision systems

Introduction to Deep Learning *Python, Pytorch* [Github Repository](#)

- Created deep learning models from scratch, showcasing a solid understanding of neural network architectures
- Utilized problem-solving skills to address challenges during model development and fine-tuning
- Successfully designed and implemented an advanced U-Net model, demonstrating proficiency in complex convolutional neural network (CNN) architectures and related applications

LANGUAGES

- English(C1)/ German(B2)/ Chinese(C2)

CERTIFICATIONS

- [Microsoft Certified: Azure AI Fundamentals](#)