

Yiyi Niu

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

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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, JavaScript, Haskell, Cpp
Frameworks : Node.js, React, Pytorch
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	<i>Java, JavaFX, CSS, Git</i>	Source Code
<ul style="list-style-type: none">Designed and developed the login window and gameboard UI; utilized the responsive functionality of whole cards and card shop using Java& JavaFXcollaborated 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
<ul style="list-style-type: none">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 strategiesWorked 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	<i>Python, Pytorch</i>	Github Repository
<ul style="list-style-type: none">Created deep learning models from scratch, showcasing a solid understanding of neural network architecturesUtilized problem-solving skills to address challenges during model development and fine-tuningSuccessfully 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(native speaker)

CERTIFICATIONS

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