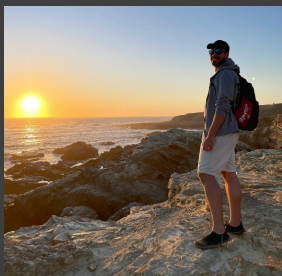


# Patrick BARACHO DITTRICH



## PROFILE SUMMARY

I am currently pursuing a master's in medical informatics with a strong passion for technology. My hobbies include home networking, and I have a keen interest in AI and software development. I love sports, particularly bouldering and volleyball. I use both Windows and Linux operating systems.

## CONTACT DETAILS

@ p.barachodittrich@gmail.com

📞 XXXXXXXXXXXXXXXX ✉ XXXXXXXXXXXXXXXX

📄 sturmcamper.github.io

## PERSONAL INFORMATION

Citizenship: **German**

Family: **Singel**

Mother Tongue: **German,**  
**Portuguese**

Languages: **English, Spanish,**

## SKILLS

- **Backend:** Kotlin, Java, Python, Spring (Boot), Flask, SQL-DB, NOSQL-DB
- **Frontend:** Kotlin, Ruby, JS, Vue.js/ Nuxt.js, Jekyll
- **Machine Learning:** Pandas, Tensorflow, Sparks, Matplotlib, Seaborn
- **Cloud:** Self Hosting, AWS, Google
- **Tools:** Git, Docker, CI/CD(Git-Lab), Github-Actions, Maven, Gradle
- **OS:** Linux/GNU, Unix, Windows, Proxmox

## EXPERIENCE

ACADAMIC WORKER at *Hochschule Heilbronn.*

**2022.09–Today**

- ◇ Supporting the IT faculty in bachelor courses by teaching and developing practicals for students. (Software-Lab 1 & 2, Prog 1 & 2)
- ◇ Administering the Faculty's Learning Platform (Ilias).

TUTOR at *Hochschule Heilbronn.*

**2020.09–2022.07**

- ◇ Assisting Students in Various practicals: (Mobile-Lab, Database2)

## EXPERTIESE

REASEARCH PROJECT at *HHN/ ZML*

**2024**

- ◇ Impact of Spatial Dimensions in EEG Data on Depression Classification Using Convolutional Neural Networks

PUBLICATION at *GMDS*

**2022**

- ◇ Development of a Web Application Prototype for Interactive Visualization of the German Health Web

## EDUCATION

MASTER OF SCINCE IN MEDICAL INFORMATICS *Heidelberg University.*  
**2022–2025**

BACHELOR OF SCIENCE IN MEDICAL INFORMATICS *Heidelberg University.*  
**2018–2022**

## HOBBIES / SOCIAL ENGAGEMENT

- ◇ Bouldering, volleyball, running, playing the violin
- ◇ Volleyball coach for the university of HHN, Team manager of my volleball team (Auenstein/ Mixed)