

# Geoffrey Karnbach

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## SKILLS

**LANGUAGES** | Python • Java • C • JavaScript • Bash

**TOOLS** | PostgreSQL • Linux • Gitlab • UML • Ansible •  
OpenStack

**AREAS** | Data Science • Machine Learning • Full Stack

## WORK EXPERIENCE

TU WIEN: Student assistant in research

(December 2022 – August 2023)

- Working on [OSSDIP](#) Project (EOSC LIFE)
- Implementation of Microservices with Python
- Automating the creation of Linux VMs (OpenStack / Ansible)
- Working on [DBREPO](#)
- Implementation of the Search Service and Frontend Components with Vue.js

TU WIEN: Tutor

(October 2023 – February 2024)

- Tutor in the class “Programming paradigms”
- Supervision of 15 exercise groups

HAUS DER BARMHERZIGKEIT: Civil servant

(October 2023 – June 2024)

- Created onboarding documents for future civil servants.
- Civil servants delegate for HDB Seeböckgasse.

## PROJECTS

[Ländr](#) | [Java Spring](#), [Angular](#), [Full Stack](#), [Reputation System](#)

Your go-to platform for easily finding and booking the best party locations.

[Recipe Planer](#) | [Java Spring](#), [Angular](#), [Full Stack](#)

Your all-in-one digital cookbook and smart grocery planner for seamless meal preparation and shopping!

[CryptoPay](#) | [Python Flask](#), [Angular](#), [Full Stack](#)

CryptoPay, a simple initiative to allow paying with cryptocurrencies in a physical location, as simply as with a credit card.



[Spotify Language Detection | Python, Spotipy, Data Science, Decision Tree](#)

Effortlessly organize your Spotify playlist by song language with our own language detection model.

[Titanic Survival Analysis | Python, Pandas, Numpy, Matplotlib, Data Science](#)

Will John Doe survive the titanic?

[Fakenews Detector | Python, TensorFlow, Keras, Data Science, Machine Learning](#)

Detect if a specific article is a fake news or not.

[Task Automation | Python, Linux, Logging](#)

Effortlessly schedule and manage your Python scripts without the hassle of cron jobs!

## EDUCATION

### **Lycée Francais de Vienne (2009 – 2021)**

Austrian Matura (Excellent)

French Baccalauréat (18/20)

Emphasis on Math and Computer Science

### **TU Wien (since October 2021)**

Bachelor Software Engineering (6th Term)

Grade average: 1.46

Classes:

- Software Engineering PR
- Software Quality Assurance
- Introduction to Security
- Distributed Systems
- Operating Systems
- Web Engineering
- Database Systems
- Algorithms and Data Structures

### **Languages:**

German                      Native Speaker

French                        Native Speaker

English                      Fluent