



# DOMINIC KRONIG

Programming Enthusiast. Computer Science Student. Passionate Pianist & Avid Reader.

## CONTACT

✉ [dokro@gmx.ch](mailto:dokro@gmx.ch)  
📍 Bern, Switzerland  
🏠 [domi-cmd.github.io](https://github.com/domi-cmd)  
🐙 @domi-cmd

## SKILLS

### Programming

Java ●●●●●●  
Python ●●●●●●  
C++ ●●●●●●  
R ●●●●●●  
PSQL ●●●●●●  
HTML/CSS ●●●●●●  
JavaScript ●●●●●●  
C ●●●●●●  
Assembly ●●●●●●  
Swift ●●●●●●

### Tools

Git ●●●●●●  
Docker ●●●●●●

### Languages

German Native  
English C2/Proficiency Cambridge  
French B1 - 8 years in school

## Projects

### Personal Website

📅 Winter 2025 🛠️ HTML, CSS, JS  
Completely open source!

### Solo Baila

📅 Autumn 2024 🛠️ Python, JSON  
A completely open-source re-imagining of the popular game "Just Dance", but with a DNN trained for pose recognition.

### SE Internship Abilium

📅 Spring 2025 🛠️ Python, Odoo, Raspberry  
Module for room reservation connected to raspberrys with e-ink displays.

... and many other small projects

## EDUCATION

📅 2022 - 2026 (expected) Bachelor's in Computer Science  
📍 University of Bern, Switzerland

- Expecting to graduate with Insigni cum laude honors in early 2026.
- Finished top of class Rechnerarchitektur 2024 (Processor Architecture).
- Assisted four lectures so far. (CG, GTI, DB & RA)
- Top 6 amongst students who competed for University's competitive coding team for SWERC 2024.
- Represented University of Bern at SWERC25 coding competition.

📅 2026 - 2028 (expected) Master's in Computer Science  
📍 ETH Zurich, Switzerland

## PROFESSIONAL EXPERIENCE

📅 February 2024 - June 2024 Databases  
📍 University of Bern, Switzerland *Lecture Assistant*

I set up and maintained the database server for the exercises. I led exercise sessions and corrected assignments before and after the sessions. I supervised exams and graded them. Additionally, I provided tutorial support for the lecture and managed the discussion forum.

📅 February 2024 - June 2024 Computer Architecture  
📍 University of Bern, Switzerland *Lecture Assistant*

I worked as a teaching assistant for computer architecture. I lead plenary sessions and graded assignments. I provided tutorial support for the lecture and managed the discussion forum. Additionally, I assembled and maintained breadboards, set up and managed Raspberry Pi devices, and offered technical support for both.

📅 2024 September - 2025 January Fundamentals Of Technical Informatics  
📍 University of Bern, Switzerland *Lecture Assistant*

I lead exercise sessions and reviewed assignments before and after the sessions. I supervised exams and graded them. Additionally, I provided tutorial support for the lecture and managed the discussion forum.

📅 2025 February - 2025 June Software Engineering  
📍 Abilium, Switzerland *Internship*

I completed a university-organized internship in software engineering with Abilium this spring. As a small team we developed a custom Odoo plugin which communicates with Raspberries to display reservation information.

📅 2025 September - 2026 February Computergraphics  
📍 University of Bern, Switzerland *Lecture Assistant*

I lead pool sessions for technical questions regarding raytracing and rasterization, and review assignments before and after the sessions. I supervise exams and grade them. Also, I provide tutorial support for the lecture and manage the discussion forum.