DOMINIC KRONIG

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

CONTACT

✉ dokro@gmx.ch

📍 Bern, Switzerland

🏠 domi-cmd.github.io

⌨ @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 - 2025 *(expected)*
📍 University of Bern, Switzerland

Bachelor's in Computer Science

- Expecting to graduate with Insigni cum laude honors in 2025.
- Finished top of class Rechnerarchitektur 2024 (Processor Architecture).
- Assisted three lectures so far.
- Top 6 amongst students who competed for University's competitive coding team for SWERC 2024.

📅 2026 - 2028 *(expected)*
📍 ETH Zurich, Switzerland

Master's in Computer Science

💼 PROFESSIONAL EXPERIENCE

📅 February 2024 - June 2024
📍 University of Bern, Switzerland

Databases
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
📍 University of Bern, Switzerland

Computer Architecture
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
📍 University of Bern, Switzerland

Fundamentals Of Technical Informatics
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
📍 Abilium, Switzerland

Software Engineering
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
📍 University of Bern, Switzerland

Computergraphics
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.