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.

University Reservation Bot 🔗
📅 Spring 2024   🐍 Python, Selenium
Allows for automatic guaranteed reservation to upcoming activities.

... and many other small projects

🎓 EDUCATION

📅 2022 - 2025 *(expected)*
📍 Université 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
📍 Université 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
📍 Université 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
📍 Université 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
📍 Université Bern, Switzerland
Software Engineering
Internship

I will complete a university-organized internship in software engineering this spring. The placement is arranged by the university and will provide practical experience in a professional setting.

♣ EXTRA CURRICULARS

- Math & Computer Science Tutor at old college.
- Avid reader and local book club member.
- 🎵 Passionate pianist and latin dancer.