



DOMINIC KRONIG

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

CONTACT

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📍 Bern, Switzerland

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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 raspberries with e-ink displays.

... and many other small projects

EDUCATION

📅 2022 - 2026 (expected)

📍 University of Bern, Switzerland

Bachelor's in Computer Science

- 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)

📍 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.