



# 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     | ●●●●● |
| R          | ●●●●● |
| PSQL       | ●●●●● |
| HTML/CSS   | ●●●●● |
| JavaScript | ●●●●● |
| C++        | ●●●●● |
| C          | ●●●●● |
| Assembly   | ●●●●● |
| Swift      | ●●●●● |

### Tools

|        |       |
|--------|-------|
| Git    | ●●●●● |
| Docker | ●●●●● |

### Languages

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

## Projects

### Personal Website

📅 Autumn 2024    📄 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

📅 Autumn 2024    🐍 Python, Selenium  
Allows for automatic guaranteed reservation to upcoming activities.

... and many other small projects

## EDUCATION

|   |                                |
|---|--------------------------------|
| 📅 2022 - 2025 (expected)  | Bachelor's in Computer Science |
| 📍 Universität Bern, Switzerland   |                                |
| <ul style="list-style-type: none"><li>• Expecting to graduate with Insigni cum laude honors in 2025.</li><li>• Finished top of class Rechnerarchitektur 2024 (Processor Architecture).</li><li>• Assisted three lectures so far.</li><li>• Top 6 amongst students who competed for University's competitive coding team for SWERC 2024.</li></ul> |                                |

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

## PROFESSIONAL EXPERIENCE

|                                 |                   |
|---------------------------------|-------------------|
| 📅 February 2024 - June 2024     | Databases         |
| 📍 Universität 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 |
| 📍 Universität 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 |
| 📍 Universität 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 |
| 📍 Universität Bern, Switzerland | 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.