Johan Bach

⦿ Linköping, Sweden - Lausanne, Switzerland

✉ johan.bach@bluewin.ch   📞 +41 79 881 03 18   🔗 johanbach.com   **in** johan-bach

Education

Linköping University, Linköping   *Sept 2025 – Present*
Exchange Student

Swiss Federal Institute of Technology, Lausanne (EPFL)   *Sept 2023 – Present*
Bachelor of Science - Communication Systems
- Grade : 4.6 / 6.0

Gymnase de Nyon   *Sept 2020 – July 2023*
Maturité Gymnasiale - Physics and Applications of Mathematics
- Grade : 5.0 / 6.0
- Minor in Music
- Excellence Award in Music

Experience

Mathematics and Physics Tutor   *Lausanne, Switzerland*
Independent   *Sept 2022 – Present*
- Helped younger students with their homework and exam preparation in Mathematics and Physics

Software Engineer Intern   *Lausanne, Switzerland*
Evooq   *July 2022 - Aug 2022*
- Trained an AI model to recognize term sheets of financial assets
- Basic software development in Kotlin

Projects

CHaCuN
- Semester project for the Practice of Object-Oriented Programming course at EPFL. Developed in Java an application simulating the board game *Carcassone*
- **Tools Used:** Java, JavaFX, Git

Distributed Key-Value Store
- Semester project for the Computer Systems course at EPFL. Developed in C a hashing system distributed over a network
- **Tools Used:** C, gdb, Git

Focus - The Sports Magazine
- Created a sports magazine with over 60 pages handling editing, writing, design, sponsorship and production
- Interviewed a world champion athlete
- **Tools Used:** InDesign, Adobe Creative Cloud

Skills

Languages: French - *Native*, English - *Business fluent*, German - *Intermediate*

Programming Languages: Python, Java, Scala, C, Kotlin

Hobbies

Music (saxophone, piano, drums, guitar), **Sports** (football, running, basketball), **Travel**