

Cyrill Hoch

Dual Citizen (Liechtenstein, Switzerland) | Born November 3rd, 1991.



Education

- 2016 – 2019 **Bachelor's degree in Mechanical Engineering (Bachelor of Science ZFH)**
at the Zurich University of Applied Sciences (ZHAW)
Focus: Machine Technology, Renewable Energies, Robotics
Bachelor thesis in mechanical engineering with focus on renewable energies
«Investigation of the operating conditions of a copper refining plant»
- 2017 – 2018 **Erasmus Student Exchange Program**
at the České vysoké učení technické v Praze (ČVUT), Czech Technical University in Prague (CTU)
Focus: Studio technology, Optics, Robotics
- 2012 – 2015 **Bachelor's studies in Mechanical and Process Engineering**
at the Swiss Federal Institute of Technology Zurich (ETH)
- 2010 – 2012 **Bachelor's studies in Electrical Engineering and Information Technology**
at the Swiss Federal Institute of Technology Zurich (ETH)
- 2003 – 2010 **Liechtenstein Gymnasium Vaduz**
Focus: Mathematics and Science

Experience · Internships

- Since Nov 2024 **CHRC Consulting**, Vaduz, Liechtenstein (Founder)
Human Resources & Digital Transformation
- Advise HR teams on digital transformation, automation, and system integration
 - Evaluate and implement HR software solutions using the Microsoft ecosystem
 - Provide technical consulting, documentation review, and tailored demos
- Jan – Oct 2024 **Qualibroker AG**, Zurich, Switzerland
Microsoft Power Platform & Fx Developer
- Designed and implemented business automation solutions on the Power Platform
 - Managed app lifecycle, integrations and access rights across departments
 - Supported digital transformation and compliance in HR-related workflows
- Jan – Dez 2023 **DACS AG**, Zurich, Switzerland
Microsoft Power Platform & Fx Developer
- Co-developed enterprise apps to streamline data access and approvals
 - Automated recurring processes and permissions using Power Automate
 - Supported system integration and ensured data consistency across departments
- Jun – Nov 2022 **ADENSYS AG**, Triesen, Liechtenstein
Microsoft Power Platform & Fx Developer
- Built and maintained a repair case management app using PowerApps
 - Improved usability and workflow transparency for the internal repair team
 - Implemented automated notifications and structured data handling
- Jun – Nov 2021 **IKEA**, Spreitenbach, Switzerland
IT Consultant HR Process Automation and Microsoft Power Platform & Fx Developer
- Developed and deployed public transport reimbursement apps for employees
 - Automated validation and approvals, reducing manual workload and processing time
 - Ensured secure handling of personal data and audit-proof documentation
- Nov 2020 – Jan 2021 **AWK Group AG**, Zürich, Schweiz
Internship in Cyber Security & Privacy Consulting
- Assisted in M&A due diligence, DLT research and risk management
 - Supported Cloud Security and Third-Party Risk Assessments
 - Built internal tooling to automate security health checks
- Since Jan 2016 **Student@Home**, Triesen, Liechtenstein (Founder)
Individual IT support in Liechtenstein and Switzerland
- Provide individual IT support for private clients and small businesses in Liechtenstein and Switzerland
 - Set up and maintain macOS and iOS environments, networks and data backup systems
 - Advise on hardware and software setup, build small-scale automations and provide remote training
- Since Jun 2006 **EMK AG**, Triesen, Liechtenstein
Part-time technical role in production, assembly, machine setup, programming, component replacement
- Sep 2009 – Aug 2019 **ZHAW & ETH Zürich**, Zürich, Switzerland
Internships Innovation Project, Sensor Technology and Fashion, Digital Technology and Internet Protocols

Skills

Microsoft Ecosystem	Extensive experience across Microsoft 365 and Power Platform, building business applications in Power Apps, automating processes in Power Automate, and structuring data in Dataverse and SharePoint. Solid working knowledge of Microsoft Entra ID for identity, access control, and system integration. Comfortable extending Microsoft environments with external tools, including AI-driven components and APIs.
AI Systems & Agents	Hands-on experience exploring AI-driven workflows and experimenting with agent-based approaches that operate across APIs and internal tools. Experience connecting LLMs to business processes, enabling systems to retrieve data, process it, and trigger actions. Comfortable designing prompts and interaction patterns that produce consistent, usable results in real workflows. Focused on building reliable, production-ready solutions by integrating AI into everyday workflows, with fallback logic, observability, and human checks to keep decisions sound and processes practical.
Integration	Experience building end-to-end workflows that synchronise data across Microsoft and third-party systems. Comfortable working with APIs, webhooks, and structured data pipelines. Background in scripting and system configuration for access management, reporting, and operational processes. Focus on reducing manual work through robust automation rather than one-off solutions.
Security & IAM	Work within compliance-driven environments with audit and security requirements. Translate access policies into enforceable, automated rules. Understanding of access governance, identity lifecycle management, and secure system integration. Awareness of how AI components interact with existing IAM structures, including permission boundaries and data exposure risks.
Operating Systems	Expert in macOS and iOS, with professional familiarity with Windows Server environments, user management and system administration.
Productivity	Highly proficient in Microsoft 365, with strong Excel skills for structured data work, reporting, and operational tracking. Use of AI tools to accelerate analysis, documentation, and internal knowledge workflows. LaTeX for clean, structured technical documentation.
Multimedia	Extensive experience in video and audio production for technical and educational content. Comfortable with recording, editing, and post-processing, including adapting content for different platforms. Familiar with AI-assisted tooling in media workflows where it adds value.
Tools & Frameworks	Working knowledge of MATLAB, C/C++, Java, and CAD tools (NX, CATIA). Build and maintain web-based tools using Node.js, React, and TypeScript. Experience integrating model APIs into applications, handling structured outputs, chaining calls, and feeding results into existing systems and workflows.

Personal Details

Languages	Swiss German (Native language) High German (Business-fluent) English (Business-fluent) French (Basic knowledge)
Nationality	Liechtenstein and Switzerland
Driving Licence	Category B
Miscellaneous	Rugby (Rugby Union Zürich since 2012, Rugby Association Liechtenstein from 2005-2012) Häge-Bar & -Cinema (Founding member, safe and guarded start into nightlife for teenagers and young adults in Liechtenstein, Eastern Switzerland and Vorarlberg)