



My colleagues describe me as a **practical and goal-oriented** person. Working alongside my studies was a must for me. I have a strong sense of **responsibility** and perseverance to ensure that important tasks are **completed on time**.

Personal details

<https://github.com/pamrein>
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 amreinpascal@protonmail.com
 +41 79 259 97 69
 14.06.1993
 Swiss citizen



Programming languages

Python, Bash, Powershell,
Java, C/C++, MongoDB, R

Languages

German	Mother tongue
English	B2
Spanish	A2
French	A2

References

Doris WITTWER (Site manager)
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Pascal AMREIN

Education

02.2022 – 09.2024 **Master of Science**, Bioinformatics and computational biology

Full-time study

University of Fribourg & University of Berne

Thesis

Expanded natural product chemspace -
In silico expansion of LOTUS with Pickaxe (*grade 5.0*)
Link: <https://github.com/pamrein>

09.2020 – 02.2022 **Bachelor of Science**, Biology (Pre-Master)

Part-time study

University of Fribourg

09.2016 – 01.2020 **Bachelor of Science**, Systems Engineering in Photonics

Full-time study

University of Applied Sciences Neues Technikum Buchs, Buchs SG

Thesis

LED-Beleuchtung für den Pflanzenanbau (*grade 5.5*)
Paper: [10.1159/000510146](https://doi.org/10.1159/000510146)

Other activities

Responsible for student shop with two volunteers

09.2009 – 08.2013 **Physics laboratory technician EFZ**,
apprenticeship with technical vocational matura

Full-time

ETH Hönggerberg, Zurich

Professional experience

07.2020 – Heute **Security agent**

Part-time

AMBA Service & Security, Berne

- Lodge service / Safety patrols
- Administrative and design support for the website
- Creation of documents (checklists, instructions, statistics)

03.2023 – 12.2024 **Support Technician**

Part-time 30%

Digicomp Academy AG, Berne

- Prepare computer courses (installing and testing)
- First- / Second-Level-Support
- Create scripts

04.2017 – 01.2020 **Support Technician**

Part-time 20%

Solve GmbH, Buchs SG

- Calibration of loggers (acceleration sensors)
- Warehouse management
- Customer service

06.2018 – 08.2018 **Internship** as a measurement technician in photonics

Full-time

Optics Balzers, Balzers Liechtenstein

08.2013 – 04.2014 **Support Technician** in Startup

Full-time

Ionplus AG, Zurich

Further experiences

03.2014 – 05.2020 **Civilian service assignments** in nursery, farms and kitchen

01.2015 – 09.2016 **Travelling** in South America