

# Alexander Huwiler

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Im Grund 4  
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Born: November 19, 1996  
Nationality: Swiss



## Profile

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Master's student in Electrical Engineering and Information Technology at ETH Zurich with a focus on Communication Electronics and Photonics. Offers strong knowledge in Linux system administration, software development, and embedded systems. Analytical thinker, technically skilled, and enthusiastic about open-source solutions.

## Education

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<b>ETH Zurich</b> , MSc Electrical Engineering and Information Technology	Since 2024
<b>ETH Zurich</b> , BSc Electrical Engineering and Information Technology	2019 – 2024
<b>Kantonsschule Zürich Nord</b> , Matura (university entrance diploma)	2012 – 2016
<b>Sekundarschule Herzogenmühle</b>	2010 – 2012

## Work Experience

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<b>Allianz P&amp;C S.A. (Switzerland)</b> , Claims Advisor	Sep 2024 – May 2025
<b>CSS Health Insurance</b> , Customer Advisor	Jul 2019 – Dec 2021
Gap year before university	Aug 2018 – Jun 2019
<b>Foundation for Economy and Ecology (SWO)</b> , Civilian Service	Jan 2017 – Jul 2018

## Software

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<b>Linux Administration</b>	<div style="width: 90%;"><div style="width: 90%;"></div></div>
<b>Bash Scripting</b>	<div style="width: 85%;"><div style="width: 85%;"></div></div>
<b>Python</b>	<div style="width: 80%;"><div style="width: 80%;"></div></div>
<b>(Embedded) C / C++</b>	<div style="width: 70%;"><div style="width: 70%;"></div></div>
<b>Git &amp; Docker</b>	<div style="width: 60%;"><div style="width: 60%;"></div></div>
<b>HTML / CSS / PHP (basic)</b>	<div style="width: 50%;"><div style="width: 50%;"></div></div>

## Hardware

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<b>Microcontroller Programming (C)</b>	<div style="width: 80%;"><div style="width: 80%;"></div></div>
<b>Raspberry Pi with GPIO/I<sup>2</sup>C Interfaces</b>	<div style="width: 75%;"><div style="width: 75%;"></div></div>
<b>Electronics Repair &amp; Diagnostics</b>	<div style="width: 70%;"><div style="width: 70%;"></div></div>
<b>Self-Hosted Servers (Debian, Nginx, Nextcloud)</b>	<div style="width: 85%;"><div style="width: 85%;"></div></div>

## Software Knowledge

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- **Microsoft Office:** Word, Excel, PowerPoint, Outlook, OneNote
- **SAP:** Basic knowledge

## Languages

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**German** Native language  
**English** Fluent  
**French** Fluent

## Interests

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Tinkering, programming, hiking, running, travelling