



# Dario Ackermann

Software Engineer @ Netcloud  
CEO @ VirtualAlpha

- 20.07.2001
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## About me

IT enthusiast, hungry for knowledge with involvement in various institutions/associations. Satisfaction of the thirst for knowledge through participation in workshops of Swiss Youth in Science and Science Olympiads (organized by the university of Berne). Active involvement in political affairs. Always there when there is something new to discover and learn. Able to learn and work in a team.

My motto: *Don't complain about things you are not willing to change.*

## Social networks



## Languages

- German ● ● ● ● ●
- English ● ● ● ● ●
- French ● ● ● ● ●

## Work experience

- 2021 – now **Software Engineer** Netcloud AG  
Co-developer Software Defined Networking
- 2018 – now **Chief Executive Officer** Start Up  
CEO and developer of VirtualAlpha - a startup that offers a portfolio management game for educational institutions and their students.
- 2018 – 2020 **Employee** Historic association Sarganserland  
Running the business on weekends during my days at gymnasium.
- 2017 – 2020 **Employee** Hüpfburg Sarganserland  
Running the business on weekends and during vacations.

## Education

### Studies

- 2021 – now **Bachelor-Studies** ETH Zürich  
Computational Sciences and Engineering
- 2021 – now **Supported by the Swiss Study Foundation** Swiss Study Foundation  
The Swiss Study Foundation supports students involved in the society and with broad interests. The objectives of the Swiss Study Foundation is to sustain young individuals to take and assume responsibilities in all the fields of society.

### Army service

- 2020 – 2021 **Cyber-Course** Swiss Armed Forces  
Education and internship

### Secondary education II

- 2016 – 2020 **Matura** Kantonsschule Sargans, SG  
Focus subject: Business and Law (5.5, bilingual English)  
Complementary subject: Computer science (6.0)

Matura thesis: "Your entire life is online – and might be used against you" Das Internet vergisst nie: Reproduzierbare Angriffsszenarien und Auswertungen. Rating: excellent (6.0)

### Secondary education I & primary school

- 2011 – 2014 **Talent program** Bad Ragaz, SG  
1 day per week besides normal elementary school
- 2008 – 2016 **Primary and secondary school** Mels, SG

## Courses and training

- 2021 **Leadership-Certificate**  
Swiss Association for Leadership Training
- 2021 **Cyber Course**  
Swiss Armed Forces
- 2020 **Certificate of Proficiency in English**  
Cambridge Assessment English
- 2018 Language stay in Eastbourne (UK)

## Publications

- 2021 **A debit card for the future - tackling climate change with a privacy-enhancing solution**  
*D. Ackermann, J. Huber, J. Jörg, J. Nguyenová, R. Zumbrunn*  
International Swiss Talent Forum
- 2020 **“Your entire life is online – and might be used against you”.**  
**Das Internet vergisst nie: Reproduzierbare Angriffsszenarien und Auswertungen.**  
*Dario Ackermann, supervised by Lukas Fehr*  
Kantonsschule Sargans

## Awards

- 2022 **Grand Finalist** Hilti IT Competition  
Team Qualification (Top 9) and participation in the Grand Final at Hilti Malaysia
- 2020 **Swiss Economy Olympiad** science.olympiad.ch  
Gold medal in the national final and participation in the International Business Olympiad.
- 2020 **Best maturity theses 2020** Kantonsschule Sargans  
Selection and award
- 2019 **Swiss Philosophy Olympiad** science.olympiad.ch  
Bronze medal in national final.

## Hobbies

Computer science, IOT devices in the home, scripting, finance, piano, winter sports, hiking, reading, Science Olympiad alumni in biology, economics, philosophy.

## Extracurricular interests and social commitment

- 2021 – now Volunteer at Swiss Economics Olympiad
- 2021 – 2022 Department Head Political Projects at Young Green Liberal Party of the canton of St. Gallen
- 2021 Participation at 10. International Swiss Talent Forum about “Re-thinking surveillance”
- 2020 – 2021 Development of an interactive web-based simulation tool to explore different containment strategies for the Covid 19 pandemic.. (“*Smart Investment of Virus RNA Testing Resources to Enhance Covid-19 Mitigation*”, Model from *Gorji et al.*): **corona-lab.ch**
- 2020 Initiator Petition #keineap2020 (keineap2020.ch) against the holding of gymnasium final examinations in the canton of St. Gallen due to health concerns.
- 2019 Participation Swiss Youth in Science: Fascinating Informatics, FHNW Brugg-Windisch (Project: Multiplayer Game)
- 2018 Participation Teilnahme Swiss Youth in Science: Fascinating Informatics, Universität Bern (Project: Image Mosaic)
- since 2017 Instructor «tablet heroes» (infoklick.ch)  
Supporting seniors in learning how to use the tablet through courses and on-site visits as well as continuing “e-advice hours” at the library in Walenstadt SG.
- 2016 – 2020 «Tech-Mentor» Kantonsschule Sargans  
Support and guidance for students in the use of technical aids
- 2015 – 2018 Volunteer Website Manager, Volley Pizol, Sargans SG