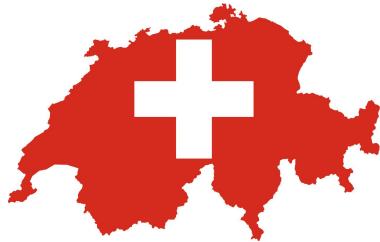# **Profession** of a **White Hat Hacker**

Digital Bridge, Nur-Sultan, 2019-10-25, Nico Schottelius

Nico Schottelius

- MSc Computer Science / Information Security from ETH Zurich
- CEO & founder ungleich glarus ag
- CEO & founder ungleich GmbH
- Founder Digital Glarus
- Founder Data Center Light
- Founder Hacking Hotel
- From Glarus, Switzerland

What is Hacking?

- Creative use of technology
- Exploring the digital world
- Testing boundaries of security
- White/Black/Grey hats
  - white: good intent, with permission
  - grey: good intent, without permission
  - black: malicious intent, without permission

Why become a hacker?

- Interesting in computers
- Always liked to break things (and put them back together)
- Testing the limits of systems
- Work as a professional, make it your job
  - Penetration testing
  - Creating security concepts
  - Bug bounties

How to become a hacker?

- Self study / Online Courses
- Hacking events
- Hacking courses / bootcamps

Hacking events

- Hackathons (Hack4Glarus)
- Capture the flag (CFP)
- Hacking congresses (36C3 in Leipzig)

Hackathon: Hack4Glarus

- In Digital Glarus, Switzerland
- From 2019-11-29 to 2019-12-01
- Many international visitors
  - Limited number of places
- 42 hours of hacking
- Variety of topics from beginner to expert
- https://hack4glarus.ch

Hacking Courses

- Hacking bootcamps
  - 12 weeks of intensive training (easy VISA process)
  - 6 hours a day
  - Including lodging and food
- Long term stay
  - Collaborate with other hackers
  - Live, learn and hack with the experts

The Hacking Hotel

- Gorgeous view
- Quiet
- Fast 10 Gbit/s network
- Next Hacking 101: 2020-01-06 to 2020-03-29
  - Beginner's course
- Skiing possible
  - Cross country: 100m from the hotel
  - Downhill: 5 minutes by train
- https://hack.digitalglarus.ch

Thanks for listening!

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