



## Contact

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## Languages

- German mother tongue
- Swiss German Baslerdütsch
- English fluent
- Japanese beginner (N5)

## Achievements

- GRE  
Graduate Record Examinations  
164 Verbal (94<sup>th</sup> percentile),  
166 Quant (89<sup>th</sup> percentile)
- Abitur  
Best of year  
Achieved an overall grade of 1.1.  
Prizes for Mathematics, Physics,  
and English.
- Jugend gründet  
7<sup>th</sup> place  
Achieved 7<sup>th</sup> place in “Jugend grün-  
det” competition for South Germany  
in 2014/2015.
- Technik-Akademie Tübingen  
Participant of “Technik-Akademie”  
for gifted children in Tübingen in  
2013.

## Certifications



# Alexander Bocken

Adaptable and driven, I am a rapid learner with a solid technical foundation.  
I thrive on challenges and building genuine relationships.  
Adept at navigating intricate environments. Very international.

## Education

- MSc. Management, Technology, and Economics 2022 - 2025 Jan  
ETH zürich ETH Zürich, Switzerland  
On top of a broad range of management and economics courses, focused electives in *Risk and Insurance Management*, *Systems Dynamics*, and *Complexity*.  
Thesis: “Evaluating the Robustness of the Global Antibiotics Supply Network”  
GPA: 5.3/6
- BSc. Mechanical Engineering 2019 - 2022  
ETH zürich ETH Zürich, Switzerland  
Alongside core mechanical engineering courses, focused electives in *Computing* and *Numerical Methods*.  
Thesis: “High speed Image processing for Laser Produced Plasma Applications”  
GPA: 5.0/6
- BSc. Physics 2016 - 2019  
ETH zürich ETH Zürich, Switzerland  
Transferred from Physics after successfully completing first three semesters.
- Abitur 2016  
Gymnasium Weingarten, Germany  
Best student of year. Awarded prizes for **best student in Physics, Mathematics, and English**. Class representative. GPA: 1.1 (German grading scale)

## Work Experience

- Associate Consultant Cybersecurity & Privacy 2025 Feb - to date  
pwc PwC Switzerland  
Multi-National Cybersecurity Strategy  
Supported the creation of an enterprise cybersecurity strategy for Swiss multinational media conglomerate operating across EMEA through workshops with CISO and CIO.  
Strategic Enterprise Identity Transformation  
Led analytical framework and workshop materials design for CHF ≈ 250bn AuM Swiss bank EIAM strategy engagement, selecting and tailoring strategic frameworks to structure stakeholder alignment across senior leaders (CISO, CTO-reporting directors).  
Banking Sector Cyber Risk Audits  
Conducted comprehensive cybersecurity audits across 10 Swiss banking institutions (≈ CHF 800mn – CHF 9bn AuM, FINMA category 3-5) over 4-month engagement.  
Firm Development & Internal Leadership  
Leading monthly knowledge-sharing forums for 30-person Cybersecurity practice.  
Member of the Cybersecurity Staff Advisory Board.
- Internship Risk & Control 2024 Apr - Sep  
ZURICH Zurich Insurance Group  
Assisted in the implementation of Zurich’s Global Internal Control Framework, developing training materials, supporting stakeholders, and reviewing control objectives for consistency and compliance.
- Student Assistant to the Chair of Logistics Management 2024 - 2025  
ETH zürich ETH Zürich, Switzerland

## Digital Skills

- Programming: Python (adept), C/C++ (intermediate), Bash (adept), R (intermediate), JavaScript (intermediate), HTML/CSS (adept), SvelteKit and many more
- Data Science: Agent Based Modeling, Graph theory, strong foundation in statistics, Computer Vision, libraries: Pandas, Numpy, Matplotlib, Tidyverse, CERN’s ROOT, OpenCV
- Office: Full Microsoft Office Suite (adept), LaTeX (adept)
- Graphics: Photoshop, Inkscape, SVG
- System Administration: MongoDB, PostgreSQL, Nginx, Vim, Docker, Git, SSH
- Cybersecurity: MS Sentinel and KQL, Wiz, NIST CSF 2.0

Hobbies: Hiking, Cooking (See my site), Fitness, Linux, Webdev, Learning Japanese Kanji