

Curriculum Vitae

Nicolas Y.C. Triebold

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Personal Information

Name: **Nicolas Yanas Christoph Triebold**

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Date of birth: 22. December 1997

Nationality: Swiss & French

Education

February 2022 - March 2025 **Master of Science in Mechanical Engineering**, ETH Zurich
Exchange semester at DTU Copenhagen and Tufts University Boston;
Biomedical engineering, educational robotics, product development,
data science, industrial design and aviation & railway engineering;
Distinctive grade average of 5.75

September 2017 - February 2022 **Bachelor of Science in Mechanical Engineering**, ETH Zurich
Biomedical engineering major

August 2009 - July 2016 **Matura**, Freies Gymnasium Zurich
Latin profile

Knowledge of Languages & Stays Abroad

Languages	German Mother tongue English Fluent French Mostly fluent (Second mother tongue)
Project abroad	Master's Thesis at Tufts University, Boston, MA, US , September 2024 - March 2025
Internship abroad	Internship with the LEGO Group in Billund, DK , August 2023 - January 2024
Semester abroad	Exchange semester at DTU in Copenhagen, DK , January - July 2023
Stay abroad	Language stay & Photography course in London, UK , July 2014

Work Experience

September 2024 - March 2025	Secretary & Member of the Board VISTA MIT, MIT Visiting Student Association Administrative tasks, managed board meetings, drive structure and SoPs
August 2023 - January 2024	Intern & Super-duper Play Wizard Play Discovery, Creative Play Lab, the LEGO Group Developed and tested novel play using digital and interactive technology
October 2022 - December 2023	Research Assistant Chair of Technology and Innovation Management, University of Zurich Administrative tasks, tested and ensured QA of online surveying tool
Autumn semester 2022	Teaching & 3D-Printing Production Assistant & Course Development Engineering Design and Material Selection, EDAC, ETH Zurich Supported development of new lecture and exercises, taught exercises
Summer 2022	Teaching Assistant for the D-MAVT Pre-Study Events Counseling and Coaching Student Services, ETH Zurich
Spring semester 2022	Coach & Lasercutting Production Organisation Co-lead Innovationproject 22, pdz, ETH Zurich Created production plan and software, managed production team
February 2022 - February 2023	Team Coach Project LEA (Liquid Engine ARIS) Academic Space Initiative Switzerland (ARIS), ETH Zurich Coached and supported the sub-teams during the development process
February 2022 - Present	Business Audit Committee Mandate VSS-UNES-USU, National students' union of Switzerland Serving as member of the judicative branch, ensured faithful governance
October 2021 - January 2023	Makerspace Manager Student Project House, ETH Zurich Oversaw workshop floor, taught student workshops to use machines
Spring semester 2021 <i>and</i> Spring & Autumn semester 2022	Teaching Assistant for the Workshop on Study Planning Counseling and Coaching Student Services, ETH Zürich Moderated workshop on study planning for first year students
Spring semester 2021	Coach & Lasercutting Production Assistant Innovationproject 21, pdz, ETH Zürich Coached student project groups, supported lasercutting production team
Autumn semester 2020 & 2021	Teaching & 3D-Printing Production Assistant CAD & TZ, EDAC, ETH Zürich Taught students, supported 3D-Printing production team
September 2020 - February 2023	Business Audit Committee VSETH, Students' union of ETH Zurich Served as member of judicative branch, ensured faithful governance
January 2018 - February 2018	Industrial internship Libs Baden

Further Formations

2019	Swiss Military , Education as a JS shooting instructor for youths
2016 - Present	Swiss Military , Sergeant Major, Technical Expert, HQ Bat 25; Planning, organisation and management of radio-, telematic- and information systems; Deployments for the World Economic Forum and the World Military Winter Games

Projects, Awards and Achievements

March 2025	Networking for Educational Robotics: Design and Development of the Smart System Platform Master's thesis with distinctive grade of 5.75
February 2022	Comparison of Cell-free Hemoglobin Measurements by Means of Microscale Acoustofluidics and Centrifugation Bachelor's thesis with distinctive grade of 5.75
June 2021	Blood Regulator Award 2021 1st Place
May 2018	Innovationproject 18 CAD Designer of Team "Unfluffy Unicorns", Competition Finalists
September 2016	Traditionelle Herstellung von Bündnerfleisch Book, Matura-thesis

Skills & Competences

IT-Proficiency	Microsoft Office & 365, Google Business Suite, Siemens NX, Autodesk AutoCAD, Adobe Creative Suite & Lightroom, Affinity Suite, Pixelmator, Blender and Unity C#, C++, Python, MicroPython, Matlab, R, Arduino, Distributed Version Control Systems (Git, GitHub, GitLab), Latex (Overleaf) Zyxel Router and Firewall (LAN managment), Synology Server etc.
Social Skills	Leading of groups in the military Teaching of youths in competitive shooting Voluntary work, Children village Dar Boudar, Morocco Teaching and coaching of students at ETH Zurich Coaching of groups for the ETH Zurich Innovationproject and project ARIS Co-Moderator for the workshop on study planning at ETH Zurich Assistant for the ETH Zurich MAVT Pre-Study events
Further Experiences	Organisation and leading of the youth training course at shooting club Zumikon Flyertalk SAS-Eurobonus Forum Moderator Occasional service jobs Photography & Photoshop & Design AMIV Design Team
Hobbies	Science & Technology, Aviation, Railways, Traveling Golf, Swimming, Winter Sports, Competitive Shooting, Yoga Culture, Museums, Movie & Theatre Enthusiast, Photography & Film