

Florian Noah Grün - Curriculum Vitae

Personal Data

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Website	https://Cathelion.github.io , https://www.linkedin.com/in/florian-gruen-3a4212194/
Date of birth	12.08.1998 in Karlsruhe, Germany
Nationality	German
Languages	German (native), English (C2), Swedish (C1), French (C1/B2), Japanese (B2 - JLPT N3 Certificate)

Education

Aug 2021 -	École Polytechnique Fédérale de Lausanne (EPFL) (Master in Mathematics with minor in CSE) <ul style="list-style-type: none">- Semester project at OPTIM (Prof. Nicolas Boumal, Quentin Rebjock)<ul style="list-style-type: none">↔ "On the continuous and discrete gradient conjecture"- Semester project at AMCV (Prof. Maria Colombo, Dr. Xavier Fernández-Real)<ul style="list-style-type: none">↔ "Some regularity results for the obstacle problem"
Aug 2019 – Jul 2021	Lund University, Sweden (Bachelor in Mathematics, Minor in Computer Science): Pass with distinction <ul style="list-style-type: none">↔ "Optimality gaps and regularity for one-dimensional variational problems" (Prof. Andrey Ghulchak)
Aug 2018 – Jul 2019	Linnaeus University Växjö, Sweden (Applied Mathematics, Bachelor)
Jul 2016	Abitur (high school A-levels) Kepler-Gymnasium Freudenstadt, Germany: GPA 1.7 <ul style="list-style-type: none">- Fachpreis Physik (highest grades in physics)- 1-year membership in the German Physical Society

Further education and skills

Research Experience Undergraduate (REU)	<ul style="list-style-type: none">- REU at the Einstein Institute/Hebrew University of Jerusalem with Prof. Cy Maor (July-Sep 2023)<ul style="list-style-type: none">↔ Gamma-convergence, elasticity theory, geometric rigidity estimates- Project at Bremen/Hamburg University with Prof. Jens Rademacher (Aug-Sep 2022, Feb 2023)<ul style="list-style-type: none">↔ "Pulse waves in partial differential equations"- SURP Research Programme at Chinese University of Hong Kong (2020) (canceled due to Covid-19)
Seminars & Colloquia	<ul style="list-style-type: none">- Talk at Applied Analysis Seminar Hamburg University (Feb 2023)<ul style="list-style-type: none">↔ "Sufficient conditions for spikes in the FitzHugh-Nagumo system"
Summer schools & Workshops	<ul style="list-style-type: none">- <i>Horizons in non-linear PDEs</i> at Ulm University, Germany (Sep 2022)- <i>Gene Golub SIAM Summer School 2022</i> at Gran Sasso Science Institute, Italy (Aug 2022)<ul style="list-style-type: none">↔ presented poster: "The obstacle problem and optimal stopping"- <i>Free boundary problems and related topics</i> at ETH, Switzerland (July 2022)
Programming	Python, Java, MATLAB, C++, Haskell, Mathematica, Latex

Working experience

Aug 2022 - Sep 2022	Student Assistant at SIAM NWCS22 Bremen University, Germany
May 2021 - Aug 2021	Trampoline instructor at Yoump Helsingborg, Sweden
May 2019 - Aug 2020	Outdoor guide at Little Rock Lake Zipline, Klavreström, Sweden
Oct 2019 - Dec 2019	German teacher at Studieförbundet Vuxenskolan, Malmö, Sweden
April 2018 – July 2018	Employee at Tomato Guesthouse Hostel, Kyoto, Japan
Nov 2017 – Apr 2018	Waiter at Okushiga Kogen Hotel, Nagano, Japan
Dec 2016 – Jun 2017	Room Attendant at Marriott Kananaskis Mountain Lodge, Alberta, Canada