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), Japanese (B2 - JLPT N3 Certificate)

Education

Aug 2021 -	École Polytechnique Fédérale de Lausanne (EPFL) (Master in Mathematics with minor in CSE) - Semester project at OPTIM (Prof. Nicolas Boumal, Quentin Rebjock) ↪ "On the continuous and discrete gradient conjecture" - Semester project at AMCV (Prof. Maria Colombo, Dr. Xavier Fernández-Real) ↪ "Some regularity results for the obstacle problem"
Aug 2019 – Jul 2021	Lund University, Sweden (Bachelor in Mathematics with minor in Computer Science) ↪ "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 - Fachpreis Physik (highest grades in physics) - 1-year membership in the German Physical Society

Further education and skills

Research Experience Undergraduate (REU)	- Project at Bremen/Hamburg University with Prof. Jens Rademacher (Aug-Sep 2022, Feb 2023) ↪ "Pulse waves in partial differential equations" - SURP Research Programme at Chinese University of Hong Kong (2020) (canceled due to Covid-19)
Seminars & Colloquia	- Talk at Applied Analysis Seminar Hamburg University (Feb 2023) ↪ "Sufficient conditions for spikes in the FitzHugh-Nagumo system"
Summer schools & Workshops	- *Horizons in non-linear PDEs* at Ulm University, Germany (Sep 2022) - Gene Golub SIAM Summer School 2022 at Gran Sasso Science Institue, Italy (Aug 2022) *Financial Analytics: Networks, Learning, and High-Performance Computing* ↪ presented poster: "The obstacle problem and optimal stopping" - *Free boundary problems and related topics* 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