

Bo Tielman



About me

I recently graduated with a master's degree in pure mathematics from the University of Groningen. My interests lie in abstract algebra, topology, and dynamical systems. I have experience with teaching, academic writing, and mathematical software and I am motivated to apply my analytical skills in a professional environment.

Personal information

Name: Bo Boy Tielman
Address: Dorpsstraat 57,
9658PH, Eexterveen, Drenthe
Nationality: Dutch
Date of birth: 11-11-1999
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Areas of specialization

Geometry and topology

- Abstract algebra
- Dynamical systems
- Probability theory

Interests

Systems modeling, Data analysis, Abstract algebra, Topology, Teaching.

PREVIOUS JOBS

- 2020–2025 **Teaching Assistant**
UNIVERSITY OF GRONINGEN · Groningen 📍
Supporting professors with bachelor's courses. Tasks included independently giving small lectures, supervising students, and grading homework and exams. Courses included calculus, group theory, complex analysis, and metric and topological spaces.
- 2016–2025 **Tutor**
INDEPENDENT · Various locations 📍
Providing educational support to students, ranging from HAVO/VWO to university level.
- 2020–2022 **Hospitality employee**
KOERSCAFÉ · Gasselte 📍
Performing bar duties. Cooking simple meals. Keeping the working environment clean. Keeping track of stock and monitoring cash registers.
- 2018–2020 **Hospitality employee**
SCHUILHUT · Eext 📍
Performing bar duties. Cooking simple meals. Keeping the working environment clean.
- 2016–2018 **Employee at Albert Heijn**
ALBERT HEIJN · Veendam 📍
Keeping track of the stock and presentation of products in the store.



DEGREES

- 2022 **Bachelor Pure Mathematics**
GRONINGEN · University of Groningen 🏛️
- 2025 **Master Pure Mathematics**
GRONINGEN · University of Groningen 🏛️



PROGRAMMING

Matlab ● ● ● ●

LaTeX ● ● ● ●

Mathematica ● ● ● ●

Python ● ● ● ●

C# with EF ● ● ● ●

C++ ● ● ● ●

THESES

- 2022 Bachelor thesis, "The Nimbers",
<https://fse.studenttheses.ub.rug.nl/27904/>.
- 2025 Master thesis, "Almost Invariants for Framed and Spin 3-Manifolds via Hopf Algebras",
<https://fse.studenttheses.ub.rug.nl/37047/>.

LANGUAGES

Dutch	C2	Mother tongue
English	C2	● ● ● ●
German	B2	● ● ● ●
French	A2	● ● ● ●