

CV – Tor-Haakon Gjone

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Key Competencies

I hold a master's degree in mathematics with specialization in geometry/topology, algebra, and analysis, and possess strong analytical skills relevant to software development. I have been programming as a hobby since upper secondary school (videregående) and have experience with Python, C, Java, C++, Bash, and JavaScript, among others. I learn complex concepts quickly and thrive in academic and collaborative environments. Throughout my studies, I distinguished myself by efficiently absorbing new material through lectures and by conveying subject matter to others. I am motivated by applying mathematics and logical thinking to develop solid technical solutions.

I am curious, collaborative, and enjoy exploring and explaining complex ideas with others. At the same time, I am practically minded and able to find solutions in varied and concrete situations. I meet people from diverse backgrounds with calmness and understanding, and I contribute positively to teamwork.

Education

(registered in 2020) Sep 2021 - Jan 2025	<i>Rheinische Friedrich-Wilhelms-Universität Bonn</i> Master's in Mathematics Master's thesis in numerics. The degree focused on topology/geometry, analysis, and algebra.
Sep 2017 - Jul 2020	<i>University of Edinburgh</i> Bachelor's in Mathematics Focus on geometry, analysis, and algebra, with a bachelor's thesis in differential geometry.
Jul 2016 - May 2017	<i>University of Oslo</i> One-year programme in science I took a year off after high school to study physics, computer science, and mathematics at university level, completing 130 credits in one year (40 in the first semester and 90 in the second).
Jul 2012 - May 2016	<i>Thor Heyerdahl Upper Secondary School</i> Science-specialised academic track (realfag)

Work experience

Time frame	Employer	Role
Mar 2025 – Jul 2025	Thor Heyerdahl vgs., Hoffsgate 6	Teacher (upper secondary school)
Jun 2025; Aug 2020 – Dec 2020	Kvelde Barnehage, Kveldeveien 272	Assistant / Preschool Assistant
Dec 2022 - now (Summer job)	Fauskes Nordre Holt Gård,	Youth Support Worker (children and youth services)

	Holtebygdveien 196	
Oct 2016		Forestry Worker
Feb 2021 – Jul 2021	Botne skole, Gurannveien 25B	Teacher (primary school)
Sep 2020 – Jul 2021		Teaching Assistant
Feb 2021 – Jul 2021		After-School Program Assistant (SFO)
Jul 2020 – Aug 2020; Sep 2024; Aug 2025 (I jumped as a substitute a couple times, when they critically needing someone)	Vidaråsen Landsby, Landsbyveien 34	Support Worker (health and care services)
Nov 2014 - now (a few weeks at a time, when convenient)	Byggmester Pål Gjone, (my dad's company), Kveldeveien 110	Construction worker
Jul 2021	Norsk Luthersk Misjonssamband, Sinsenveien 25	Youth Worker (Church work)

Technical Skills

Extensive experience:	Linux/Bash
	Python; with various libraries/apis
	Java
	C/C++
	Git, GitHub
Some experience:	JavaScript; React, Webdev
	MPI
	MongoDB, SQLAlchemy (python db libs)
	Rust, TypeScript

Languages

Norwegian	Native language
English	Very good, both written and spoken
German	Basic knowledge, especially understanding

Other

Licences:	Driving licence B
Interests:	Climbing, cycling, outdoor activities (hiking or skiing), wood working, reading, programming and gaming.
Referanser:	Available upon request