

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

## Work experience

Time frame	Employer	Role
Mar 2025 – Jul 2025	Thor Heyerdahl vgs., Hoffs gate 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

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