

# Stefan Mack

STUDENT - DEVELOPER

Osloveien 24, 7017, Trondheim

+47 46647857 | stefan\_mack@hotmail.com | folk.ntnu.no/stefamac | areskiko | stefanmack

A student motivated by challenges and the desire to learn.

## Education

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### NTNU (Norwegian University of Science and Technology)

Trondheim, Norway

M.Sc. COMPUTER SCIENCE

Aug. 2020 - Current

- Computer science is a civil engineering program at NTNU, focused on software engineering and theoretical computer science.

## Skills

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**Technologies & techniques** Object oriented programming, Version control, Containers

**Programming Languages** Python, Java, Rust, C++, Assembly, JS/TS, Svelte

**Languages** Norwegian, English, Spanish

**Tools** Git, Docker, Unix terminal

## Experience

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### Bildeleringen team, Kantega

Bergen, Norway

SOFTWARE DEVELOPER

Jun. 2021 - Jul. 2022

- Build React functionality backed by a Spring-Boot REST server
- Predict user needs based on heuristics to provide useful functionality as they are needed

### IDI (Department of Computer Science), NTNU

Trondheim, Norway

TEACHING ASSISTANT, TDT4100 OBJECT-ORIENTED PROGRAMMING

Aug. 2021 - Mai. 2022

- As a teaching assistant I am responsible for providing guidance to a large group of students. This is comprised of grading assignments, and one on one conversations.
- The most important experience I've gained is how to guide others to their own answers, rather than just providing them with what I think is correct.

### IDI (Department of Computer Science), NTNU

Trondheim, Norway

TEACHING ASSISTANT, TDT4109 INTRODUCTORY COMPUTER SCIENCE

Aug. 2021 - Dec. 2021

- As a teaching assistant I am responsible for providing guidance to a large group of students. This is comprised of grading assignments, and one on one conversations.
- The most important experience I've gained is how to effectively communicate technical concepts.

### Water distribution, Bergen Vann

Bergen, Norway

OPERATIONS PLANNER

Jun. 2021 - Jul. 2021

- Planning of opening and closing of valves, as well as calculations of water pressure, speed, and throughput, for the cleaning of public water distribution pipes.

### Water distribution, Bergen Vann

Bergen, Norway

MAINTAINER

Jun. 2019 - Jul. 2019

- Maintenance of water reservoirs and water pump facilities.

## Courses

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### IDI, NTNU

LAOS (TEACHING ASSISTANT-TRAINING)

- LAOS is a 20-hour course on basic pedagogical methods for TA's at NTNU.

### JKA Norway

INSTRUCTOR 1

- Course in pedagogical and technical communication.

## Other experience

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**Abakus Revy**

TECHNICIAN

- Part of the film crew.
- Editing promotional videos

*Trondheim, Norway*

Aug. 2021 - Jul. 2022

**Vortex NTNU**

SOFTWARE DEVELOPER

- As a member of the 'Perception' team I developed modules for a UUV relating to its ability to gather data from its surroundings.

*Trondheim, Norway*

Aug. 2020 - Jul. 2021

**JKA Norway**

NATIONAL TEAM MEMBER

- Member of the Norwegian national karate team.

*Bergen, Norway*

Aug. 2019 - Ongoing

**Nordås Karateklubb**

INSTRUCTOR

- Instructor at the Karate club 'Nordås Karateklubb' in Bergen.

*Bergen, Norway*

Aug. 2017 - Jul. 2020