Eldar Hauge Torkelsen

d.o.b: 1997-04-18
Email: eldar.h.t@hotmail.com
Git:https://github.com/eldarht

Address: Dalen 5 4340 Bryne, Norway
Mobile: 41429930
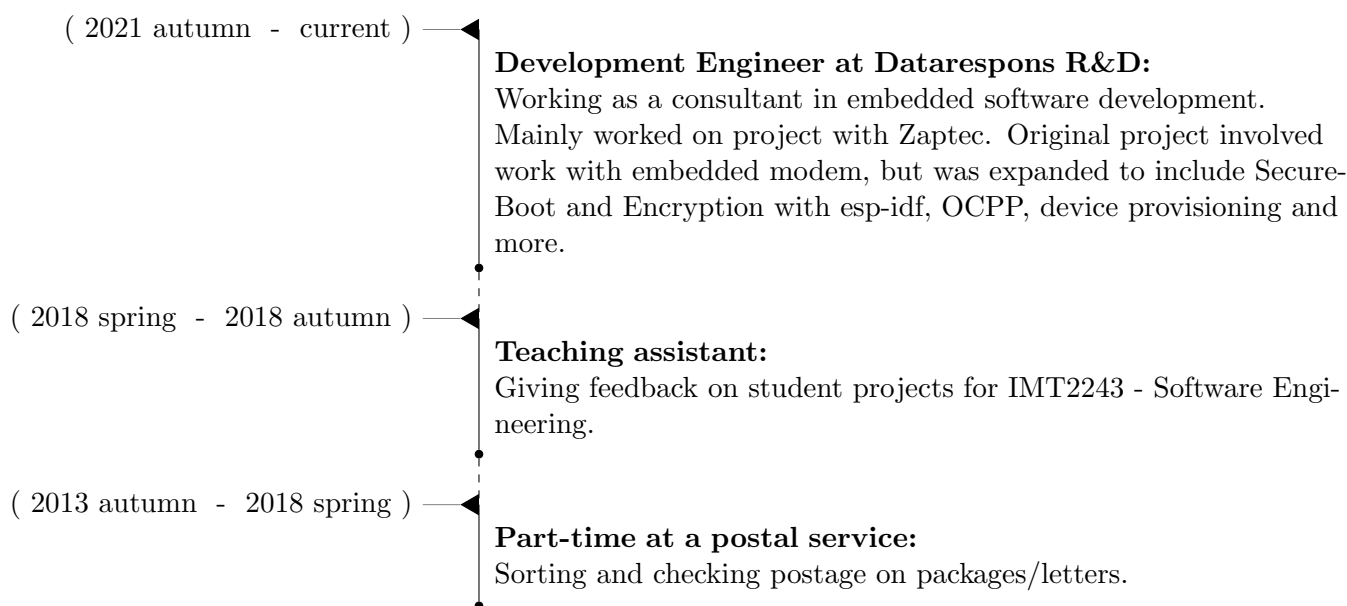
Profile

Embedded software developer with an educational background in programming and informatics from Norwegian University of Science and Technology (NTNU). Has an interest in programming well defined interfaces, challenging algorithms and supporting architectures. Experienced with multiple platforms and programming languages, with a particular facination for compiled languages with strict syntax.
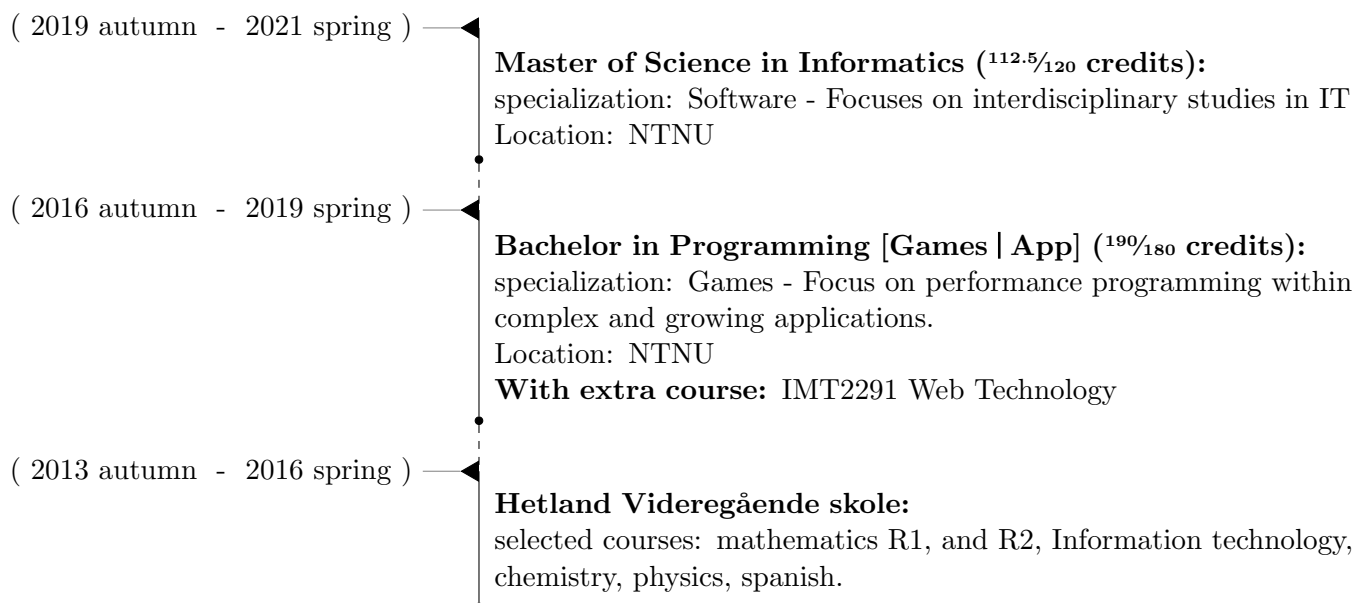
Work experience

(2021 autumn - current)

Development Engineer at Datarespons R&D:
Working as a consultant in embedded software development. Mainly worked on project with Zaptec. Original project involved work with embedded modem, but was expanded to include Secure-Boot and Encryption with esp-idf, OCPP, device provisioning and more.

(2018 spring - 2018 autumn)

Teaching assistant:
Giving feedback on student projects for IMT2243 - Software Engineering.

(2013 autumn - 2018 spring)

Part-time at a postal service:
Sorting and checking postage on packages/letters.

Education

(2019 autumn - 2021 spring)

Master of Science in Informatics ($^{112.5}/_{120}$ credits):
specialization: Software - Focuses on interdisciplinary studies in IT
Location: NTNU

(2016 autumn - 2019 spring)

Bachelor in Programming [Games | App] ($^{190}/_{180}$ credits):
specialization: Games - Focus on performance programming within complex and growing applications.
Location: NTNU
With extra course: IMT2291 Web Technology

(2013 autumn - 2016 spring)

Hetland Videregående skole:
selected courses: mathematics R1, and R2, Information technology, chemistry, physics, spanish.

Extracurricular activity and volunteer work

(2016 autumn - 2019 spring)

Student association board member:
At Login - student association for IT students at NTNU campus Gjøvik. (Equivalent to Online in Trondheim)

(2016 autumn - 2020 spring)

Course reference groups:
Connection point between course coordinator, students and NTNU quality assurance. Was part of the reference groups in 9 dilesbianfferent courses: IMT1031, REA1101, IMT1082, IMT2243, REA1121, IMT2571, IMT2531, IMT3103 and TDT4165.

Training courses

(2018 spring - 2018 automn)

LAOS – Learning assistant training:
Learning to give better feedback and guidance.

Languages

- Norwegian: Primary language
- English: Secondary language, fluent

Programming languages

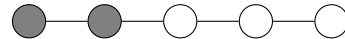|			
C/C++/C#	●●●●●	Java	●●●●●
Golang	●●●●○	LaTeX	●●●●○
PHP	●●●○○	Phyton	●●●○○
JavaScript	●●●○○	oz	●●●○○
Bash	●●●○○	lisp	●●○○○
PowerShell	●●○○○	prolog	●○○○○

Platform familiarity

I have been using Linux as my primary platform for more than 7 years and prefer it for work related activities. I Have user-experience with macOS, Windows, Android and an older version of Amiga. Have written programs targeting Windows, Linux, Yocto, Zephyr, esp-idf, Android and web.

Projects

CodebaseVisualizer3D: https://github.com/zohaib194/CodebaseVisualizer3D
Bachelor-project with java/C++ parsing, Go api server and client with Three.js/WebGL rendering.