

# Guðmundur Hjalmar Egilsson

Software Engineer experienced in real time embedded systems. Team player and open minded to new ideas and challenges.



## Work Experience

	<b>Software Engineer, Volvo Group</b>
Apr. 2022 –	Volvo Autonomous Solutions SW
Apr. 2021 - Apr. 2022	Powertrain SW, Volvo GTT
Jan. 2020 – Mar. 2021	<b>Consultant, Nexer Tech Talent</b>
	Consultant at Volvo Powertrain.
Sept. 2019 – Jan. 2020	<b>Control Engineer, Semcon AB</b>
	Consultant in in-house projects.
Summer 2018, Jun. 2016 – Aug. 2017	<b>Member of Data Cleansing Team, Marel</b>
Summer 2015	<b>Summer intern, Stálsmiðjan Framtak</b>
	Metal workshop and ship repairs.
2008-2014	<b>Inventory manager, shift manager and various roles, Krónan Supermarket</b>

## Skills

Programming	C++17, C++20 C Python MATLAB & Simulink
Tools and frameworks	CMake, Bazel GTest, Robot Framework Ubuntu, Cygwin Jira, Bitbucket, Gitlab Infineon microcontrollers

## Additional courses

- Certified Scrum Master by Scrum.org, 2020.
- Communication and Leadership, 2016. Course aimed at building skills in human relations and leadership, given by Dale Carnegie in Iceland.

## Recommendations

Available upon request.

## Education

Aug. 2017 – Jun. 2019	<b>Chalmers University of Technology, M.Sc. in Systems, Control and Mechatronics</b>
	<i>Notable courses:</i> Computer Vision, Sensor Fusion & Nonlinear Filtering, Deep Learning, Image Analysis
Master's thesis:	<a href="#">Localization in a dense point cloud for ground truth estimation</a> - Combination of LiDAR and image data for precise and accurate localization.
Aug. 2013 – Jun. 2016	<b>University of Iceland, B.Sc. in Mechanical Engineering</b>
	Focused my elective courses towards software development and mechatronics.
Aug. 2015 – Jan. 2016	<b>KTH, Stockholm</b> Exchange semester from University of Iceland.

## Achievements and other work

- **Winner of University of Iceland's robot design competition**, February 2015
- **united-state-space**, see [the Github page](#) for more information.
- **Independent project**, [www.ghjalmar.is](http://www.ghjalmar.is)

## Languages

Icelandic	Native.
Swedish	Fluent.
English	Fluent.