CSE WORK CARD FOR DEGREE PROJECT

DEGREE PROJECT WORKER

First name: Christoffer	Last name: Ekgrim
E-mail: ekgrim@student.chalmers.se	Personal ID-number: 19981007-0038
Master's Programme: MPALG *Please select only one option*	I am a feepaying or scholarship student ☐ Yes ✔ No Chalmers ◉ GU ○

DEGREE PROJECT CARRIED OUT WITH

First name:	Last name:
E-mail:	Personal ID-number:
Master's Programme: [NONE SELECTED] *Please select only one option*	Chalmers ○ GU ○

DEGREE PROJECT

☑ **30 Credits** ☐ **60 Credits**

Course code: DATX05	Starting date: 2022-01-17	Estimated date of completion: 2022-06-05
Provisional title: Verification of Solidity: Data Types, Memory Models, and Inheritance		

EXAMINER

Name: Krasimir Angelov	
E-mail: krasimir.angelov@cse.gu.se	

SUPERVISOR

Name: Wolfgang Ahrendt	
E-mail: ahrendt@chalmers.se	

COMPULSORY ITEMS

Approved planning report

Examiner's signature: Krasimir Angelov Elektroniskt undertecknad av Krasimir Angelov Datum: 2022.07.08 19:09:42 +02'00'	

Attended mandatory seminars (if required by the master's programme)

Seminar leader's signature: Maria Cervin-Ellqvist Digitally signed by Maria Cervin-Ellqvist Date: 2022.05.16 15:31:59 +02'00'	

Approved interim report (30 credits) in conjunction with a 60 credits degree project, submitted to the Department for reporting in Ladok.

Examiner's signature:

Presence at another student's degree project presentation (should be signed by the examinor of the presented project)

1

Date: 2022-06-02	Department: Computer Science and Engineering
Title of the degree project: A Deflate-like Compressor in HOL	Examiner's signature: Carl-Johan Seger Digitally signed by Carl-Johan Seger Date: 2022.06.02 15:03:22 +02'00'

2

Date: 2022-06-03	Department: Computer Science and Engineering
Title of the degree project: Hybrid Compression: Exploiting Data and Model Compression for Deep Neural Network Workloads	Examiner's signature: Miquel Pericàs Digitally signed by Miquel Pericàs Date: 2022.06.03 20:28:42 +02'00'

Approved as opponent at the presentation of another student's degree project (should be signed by the examinor of the presented project)

Date: 2022-06-03	Department: Computer Science and Engineering
Title of the degree project: Cutting Tool Wear: Data Acquisition and Automation of Wear Measurements on End Mills	
	Examiner's signature:

Approved own seminar presenting degree project

Opponent at the seminar (name): Pontus Andersson	
Opponent at the seminar (name):	
Date: 2022-06-02	Examiner's signature: Krasimir Angelov — Elektroniskt undertecknad av Krasimir Angelov Datum: 2022.07.08 19:13:20 +02'00'

The thesis has been approved in plagiarism search

Date: 2022-07-05	Examiner's signature: Krasimir Angelov — Elektroniskt undertecknad av Krasimir Angelov Datum: 2022.07.08 19:13:53 +02'00'

Approved report

Title of the degree project: Verification of Solidity: Data Types, Memory Models, and Inheritance	
Date: 2022-07-05	Examiner's signature: Krasimir Angelov — Elektroniskt undertecknad av Krasimir Angelov Datum: 2022.07.08 19:14:34 +02'00'

Agreement regarding e-publication of a degree project (carried out within the framework of an MScEng, MArch or Master's programme)

Chalmers tekniska högskola AB, registration number 556479-5598, hereinafter called *Chalmers*, and the author of a Master's degree project carried out at Chalmers, hereinafter called the *Author* and the *Project* respectively, wish to publish the Project electronically in order to make it available on the Internet and have entered into the following *Agreement*.

§1 Assignment of rights

In accordance with this Agreement, the Author grants Chalmers a non-exclusive right for a non-exclusive purpose to publish the Project electronically and to make it available on the Internet. No payment will pass between the parties by reason of this Agreement.

§2 Chalmers undertakings

Publication takes place in the format in which the Project was submitted to Chalmers (text, graphics, images etc). Chalmers is under no obligation to proofread the Project or check that it concurs with any printed original. Chalmers may carry out technical configuration of the Project which for technical reasons is necessary to make the Project available. Chalmers is entitled to deal with the project in accordance with current public access legislation. Chalmers shall take reasonable technical and administrative steps to ensure that in its published form the Project is not distorted in any way.

§3 Author's undertakings

The Author certifies that he/she is the author of the Project and that the project does not contain text, images or other material where publication would be in contravention of the Copyright Act. When assigning rights to the Project to a third party (such as a publisher or a Company) the Author shall make this Agreement known and shall make provisions for Chalmers' rights in accordance with this Agreement. If the Author has entered into a copyright agreement with a third party regarding the Project, the Author hereby certifies that he/she holds the rights or has secured the required consent from the third party to permit Chalmers to store and make available the Project electronically on the Internet.

§4 Assurance of indemnification

In the event the Author acts or fails to act in accordance with this Agreement and thus causes Chalmers to incur costs or loss, the Author shall indemnify Chalmers and release Chalmers from all liability in this respect.

§5 Cessation of the Agreement

The Author is entitled to give written notice of termination of the Agreement. Chalmers shall cease to make the project available within one month of receipt of notice.

☑ **YES**, I consent to my degree project being published electronically in the Chalmers Open Digital Repository (ODR) in accordance with the above Agreement

☐ **NO,** I do not consent to my degree project being published electronically although the project can be published (title plus authors) in the Chalmers Open Digital Repository (ODR)

Degree project worker's signature:	Christoffer Ekgrim — Elektroniskt undertecknad av Christoffer Ekgrim Datum: 2022.06.01 11:07:13 +02'00'

It is hereby certified that all the compulsory items have been completed and that the report has been approved

Examiner's signature:	Krasimir Angelov — Elektroniskt undertecknad av Krasimir Angelov Datum: 2022.07.08 19:14:55 +02'00'

The form must be submitted to the Department for reporting purposes (final mark in Ladok)