



# Official Transcript of Records

Print date  
2025-01-23

---

**Name**

Alexander Järvheden

---

**Personal identity number**

20021101-3693

---

## Completed courses

Name	Scope	Grade	Date	Note
Mathematics, Basic course, with Discrete Mathematics	7.5 hp	B	2022-10-27	1
Programming	7.0 hp	A	2022-12-13	1
Writing in the Engineering Profession	4.5 hp	A	2022-12-21	1
Algebra and Geometry	7.5 hp	A	2023-01-11	1
Calculus in One Variable	7.5 hp	A	2023-03-10	1
Human-Computer Interaction, Basic theory	4.5 hp	A	2023-03-17	1
Algorithms and Data Structures	6.0 hp	A	2023-04-30	1
Parallel and Concurrent Programming in Introduction to Computer Science	3.0 hp	P	2023-05-31	2
Project in Introduction to Computer Science	3.0 hp	P	2023-05-31	2
Calculus in Several Variables	7.5 hp	A	2023-06-02	1
Organization and Knowledge-Intensive Work	6.0 hp	A	2023-12-11	1
Database Technology	6.0 hp	A	2024-01-15	1
Numerical Methods, Basic Course	6.0 hp	A	2024-03-13	1
Logic for Computer Scientists	7.5 hp	B	2024-04-04	1
Computer Organization and Components	9.0 hp	A	2024-06-05	1
Software Engineering in Project Form	9.0 hp	P	2024-06-17	2
Probability Theory and Statistics with Application to Machine Learning	7.5 hp	A	2024-08-15	1
Discrete Mathematics	6.0 hp	C	2024-10-18	1
Programming Paradigms	6.0 hp	A	2025-01-08	1
Algorithms, Data Structures and Complexity	9.5 hp	C	2025-01-08	1

## Parts of uncompleted courses

Name	Scope	Grade	Date	Note
<b>Programme Integrating Course in Computer Science Engineering</b>	(6.0 hp)			
Seminars and assignments	2.0 hp	P	2023-05-29	2
Seminars, assignments and project	3.0 hp	P	2024-05-30	2

Name	Scope	Grade	Date	Note
<b>Sustainable Development for Computer Science and Engineering</b>	(7.5 hp)			
Seminar Assignment	1.5 hp	P	2024-11-30	2
Project assignment	3.0 hp	B	2024-12-23	1

## Summation

Total	included credited parts	Credited education
140.0 hp		

## Notes and information

60 credits (hp) represent a full academic year. The system is compatible with ECTS credits (the European Credit Transfer System) as one credit is equal to one ECTS credit.

- 1 Grading scale: Excellent (A), Very Good (B), Good (C), Satisfactory (D), Sufficient (E), Not satisfactory (FX), Failed (F)
- 2 Grading scale: Pass (P), Failed (F)

The above is an excerpt from the student registry.