**Aalto-yliopisto
Aalto-universitetet
Aalto University**

Student information

First names	Dalia
Last name	Elnagar
Student number	102777370
Date of birth	10 Jan 2001

Study rights leading to a degree

MASTER'S PROGRAMME IN SECURITY AND CLOUD COMPUTING

Education type	Master's Degree
Valid	1 Aug 2024-31 Jul 2028
Start date	1 Aug 2024
Study right status	Active
Academic year registrations	Autumn 2024, attending
	Spring 2025, attending
Degree programme	Master's Programme in Security and Cloud Computing
Major	Security and Cloud Computing

**Aalto-yliopisto
Aalto-universitetet
Aalto University**

Degrees

Course name and code	Scope	Lang	Grade	Date
No completed credits				

Study modules

Course name and code	Scope	Lang	Grade	Date
No completed credits				

Courses

Course name and code	Scope	Lang	Grade	Date
Cloud Software and Systems D (CS-E4190)	5 cr	en	5	21 Dec 2024
Multimedia Systems D (CS-E4265)	5 cr	en	5	21 Dec 2024
Network Security D (CS-E4300)	5 cr	en	5	20 Dec 2024
Information Security (CS-C3130)	5 cr	en	5	9 Dec 2024
Cryptography D (CS-E4340)	5 cr	en	Pass	6 Dec 2024
Web Software Development (CS-C3170)	5 cr	en	5	30 Sep 2024

Partially completed courses

Course name and code	Scope	Lang	Grade	Date
No completed credits				

Grade average 5

Total course credits 30 cr

The degree includes studies completed elsewhere with a
total of 0 cr

GRADING SCALES AND DESCRIPTIONS FOR COMPLETED STUDIES

The scope of studies is measured in ECTS credits (cr). The average workload of 1 600 hours needed to complete one academic year of studies corresponds to 60 credits.

The average grade of study attainments is calculated from courses which have been graded on a scale from 0 to 5 (fail–excellent) and which the student has passed. The average grade is weighted according to the courses' scopes in credits. The average grade of a study module is only displayed if at least half of the scope of the study module has been graded using the scale from 0 to 5.

Language of study

Finnish   0 cr
Swedish   0 cr
English   30 cr

Language of study: fi (Finnish), sv (Swedish), en (English).
The language of study is not defined for all completed studies.

Grading scale for completed studies

5 (excellent), 4 (very good), 3 (good), 2 (satisfactory), 1 (passable), 0 (fail)

Pass (Pass), Fail (Fail)

This document has been electronically signed. Detailed instructions on verifying the authenticity of a document: https://www.aalto.fi/en/applications-instructions-and-guidelines/transcript-of-records-and-certificate-of-student-status

Ms. Dalia Waleed Elnagar

Student   Academic Transcript

Academic Transcript

Transcript Level

Undergraduate

Transcript Type

Web Transcript

| Student Information | Degree Awarded | Transfer Credit | Institution Credit | **Transcript Totals** |

Print

This is not an official transcript. Courses which are in progress may also be included on this transcript.

Student Information

Name

Ms. Dalia Waleed Elnagar

Curriculum Information

Current Program : Bachelor of Science

Program

BS-Computer Engineering

College

Science and Engineering

Campus

New Campus

Major and Department

Computer Engineering, Computer Science & Engineering

Minor

Mathematics

Degree Awarded

Awarded	**Degree Date**	**Institutional Honors**
Bachelor of Science	06/14/2024	Summa Cum Laude

Curriculum Information

Primary Degree

Program	**College**	**Campus**
BS-Computer Engineering	Science and Engineering	New Campus

Major	**Minor**
Computer Engineering	Mathematics

Transfer Credit Accepted by Institution

SEP18-JUN19 : Advanced Placement Coll.Board

Subject	Course	Title	Grade	Credit hours	Quality points	R
PHYS	1021	Electricity & Magnetism	TR	3.000	0.00	

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	0.000	3.000	3.000	0.000	0.00	0.000

SEP17-JUN19 : GCE Advanced level

Subject	Course	Title	Grade	Credit hours	Quality points	R
CHEM	1005	General Chemistry I	TR	3.000	0.00	
MACT	1121	Calculus I	TR	3.000	0.00	
PHYS	1011	Classical Mech.,Sound & Heat	TR	3.000	0.00	

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	0.000	9.000	9.000	0.000	0.00	0.000

Spring 2022 : Lund University

Subject	Course	Title	Grade	Credit hours	Quality points	R
CSCE	3401	Operating systems	TR	3.000	0.00	
CSCE	3402	Operating Systems Lab	TR	1.000	0.00	
CSCE	4411	Fund. of Distributed Systems	TR	3.000	0.00	
ELTV	XXXX	General Elective	TR	1.000	0.00	
ENGR	3202	Engr Analysis&Computation I	TR	3.000	0.00	
LING	2201	Languages of the World	TR	3.000	0.00	

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	0.000	14.000	14.000	0.000	0.00	0.000

Institution Credit

Term : Fall 2019

College
Science and
Engineering

Major
Mechanical
Engineering

Academic Standing
Good Standing

Additional Standing
Dean's List

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
CHEM	1015	New Campus	UG	General Chemistry Laboratory	A	1.000	4.00	
CORE	1010	New Campus	UG	Freshman Seminar: Contemplating the Environment	A	3.000	12.00	
CSCE	1001	New Campus	UG	Fundamentals of Computing I	A	3.000	12.00	
ENGR	1001	New Campus	UG	Introduction to Engineering	A	1.000	4.00	
ENGR	1005	New Campus	UG	Descriptive Geometry and Engineering Drawing	A	2.000	8.00	
MACT	1122	New Campus	UG	Calculus II	A	3.000	12.00	
PHYS	1012	New Campus	UG	General Physics Laboratory	A	1.000	4.00	
RHET	1010	New Campus	UG	Freshman Writing: Contemplating the Environment	A	3.000	12.00	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	17.000	17.000	17.000	17.000	68.00	4.000
Cumulative	17.000	17.000	17.000	17.000	68.00	4.000

Term : Winter 2020

College

Science and
Engineering

Major

Mechanical
Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
PSYC	2099	New Campus	UG	Selected Topics in Psychology: Psychology of Sustainable Behavior	A	3.000	12.00	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	3.000	3.000	3.000	3.000	12.00	4.000
Cumulative	20.000	20.000	20.000	20.000	80.00	4.000

Term : Spring 2020

College

Science and
Engineering

Major

Computer
Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
CSCE	1101	New Campus	UG	Fundamentals of Computing II	A	3.000	12.00	
CSCE	1102	New Campus	UG	Fundamentals of Computing II Lab	A	1.000	4.00	
ENGR	3222	New Campus	UG	Engineering Economy	A	3.000	12.00	
LALT	1020	New Campus	UG	Libraries and Learning Technologies	P	0.000	0.00	
PHIL	2100	New Campus	UG	Philosophical Thinking	A	3.000	12.00	
PHYS	2211	New Campus	UG	Introduction to Electronics	A	3.000	12.00	
PHYS	2212	New Campus	UG	Electronics Laboratory	A	2.000	8.00	
RHET	1020	New Campus	UG	Research Writing	A	3.000	12.00	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	18.000	18.000	18.000	18.000	72.00	4.000
Cumulative	38.000	38.000	38.000	38.000	152.00	4.000

Term : Summer 2020

College

Science and
Engineering

Major

Computer
Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
DSGN	3270	New Campus	UG	Selected Topics in Design: Introduction to Game Design and Development	A-	3.000	11.10	
MACT	2123	New Campus	UG	Calculus III	A	3.000	12.00	
PHYS	1022	New Campus	UG	General Physics Laboratory II	A	1.000	4.00	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	7.000	7.000	7.000	7.000	27.10	3.871
Cumulative	45.000	45.000	45.000	45.000	179.10	3.980

Term : Fall 2020

College

Science and
Engineering

Major

Computer
Engineering

Academic Standing

Good Standing

Additional Standing

Dean's List

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
CSCE	2202	New Campus	UG	ANL&DSGN OF ALGORITHMS	A	3.000	12.00	
CSCE	2203	New Campus	UG	Anlys&Design of Algorithms Lab	A	1.000	4.00	
CSCE	2301	New Campus	UG	Digital Design I	A	3.000	12.00	
CSCE	2302	New Campus	UG	Digital Design I Lab	A-	1.000	3.70	
MACT	2131	New Campus	UG	Discrete Mathematics	A	3.000	12.00	
SCI	1020	New Campus	UG	Scientific Thinking	A	3.000	12.00	
SEMR	1023	New Campus	UG	Celebrating Ideas: A Voyage Through Books, film, Art and Theater	A	3.000	12.00	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	17.000	17.000	17.000	17.000	67.70	3.982
Cumulative	62.000	62.000	62.000	62.000	246.80	3.981

Term : Winter 2021

College

Science and
Engineering

Major

Computer
Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
MACT	2141	New Campus	UG	Differential Equations	A	3.000	12.00	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	3.000	3.000	3.000	3.000	12.00	4.000
Cumulative	65.000	65.000	65.000	65.000	258.80	3.982

Term : Spring 2021

College

Science and
Engineering

Major

Computer
Engineering

Academic Standing

Good Standing

Additional Standing

Dean's List

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
CSCE	2303	New Campus	UG	Computer Organization & Assembly Language Programming	A	3.000	12.00	
CSCE	3303	New Campus	UG	Fundamental Microelectronics	A	3.000	12.00	
ENGR	2102	New Campus	UG	Engineering Mechanics I (Statics)	A	3.000	12.00	
MACT	2132	New Campus	UG	Linear Algebra	A	3.000	12.00	
MACT	4135	New Campus	UG	Graph Theory	A-	3.000	11.10	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	15.000	15.000	15.000	15.000	59.10	3.940
Cumulative	80.000	80.000	80.000	80.000	317.90	3.974

Term : Summer 2021

College

Science and
Engineering

Major

Computer
Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
CSCE	3304	New Campus	UG	Digital Design II	A	3.000	12.00	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	3.000	3.000	3.000	3.000	12.00	4.000
Cumulative	83.000	83.000	83.000	83.000	329.90	3.975

Term : Fall 2021

College

Science and
Engineering

Major

Computer
Engineering

Academic Standing

Good Standing

Additional Standing

Dean's List

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
ARIC	2102	New Campus	UG	Introduction to Modern Arabic Literature	A	3.000	12.00	
CSCE	3301	New Campus	UG	Computer Architecture	A	3.000	12.00	
CSCE	3302	New Campus	UG	Computer Architecture Lab	A	1.000	4.00	
CSCE	4604	New Campus	UG	Practical Machine Deep Learning	A-	3.000	11.10	
MACT	2124	New Campus	UG	Calculus IV	A	3.000	12.00	
MACT	3224	New Campus	UG	Probability and Statistics	A	3.000	12.00	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	16.000	16.000	16.000	16.000	63.10	3.944
Cumulative	99.000	99.000	99.000	99.000	393.00	3.970

Term : Fall 2022

College

Science and
Engineering

Major

Computer
Engineering

Academic Standing

Good Standing

Additional Standing

Dean's List

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
BADM	2001	New Campus	UG	Introduction to Business	A-	3.000	11.10	
CSCE	3312	New Campus	UG	Computer Networks	A	3.000	12.00	
CSCE	3313	New Campus	UG	Computer Networks Lab	A-	1.000	3.70	
CSCE	3701	New Campus	UG	Software Engineering	A-	3.000	11.10	
CSCE	4930	New Campus	UG	Selected Topics in Computer Science and Engineering: Digital Forensics	W	3.000	0.00	
CSCE	4950	New Campus	UG	Industrial Training	P	1.000	0.00	
RHET	3220	New Campus	UG	Public Speaking	A	3.000	12.00	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	17.000	14.000	14.000	13.000	49.90	3.838
Cumulative	116.000	113.000	113.000	112.000	442.90	3.954

Term : Spring 2023

College

Science and
Engineering

Major

Computer
Engineering

Academic Standing

Good Standing

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
CSCE	2501	New Campus	UG	Fundamentals of Database Systems	A	3.000	12.00	
CSCE	3611	New Campus	UG	Digital Signal Processing	A	3.000	12.00	
CSCE	4315	New Campus	UG	Internet of Things Networking	W	3.000	0.00	
CSCE	4980	New Campus	UG	Senior Project I	A	1.000	4.00	
ENGR	2105	New Campus	UG	Engineering Mechanics	A	3.000	12.00	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	13.000	10.000	10.000	10.000	40.00	4.000
Cumulative	129.000	123.000	123.000	122.000	482.90	3.958

Term : Summer 2023

College

Science and
Engineering

Major

Computer
Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
CSCE	4930	New Campus	UG	Selected Topics in Computer Science and Engineering: Digital Forensics	A	3.000	12.00	
CSCE	4930	New Campus	UG	Selected Topics in Computer Science and Engineering: Mobile Applications Development	A	3.000	12.00	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	6.000	6.000	6.000	6.000	24.00	4.000
Cumulative	135.000	129.000	129.000	128.000	506.90	3.960

Term : Fall 2023

College

Science and
Engineering

Major

Computer
Engineering

Academic Standing

Good Standing

Additional Standing

Dean's List

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
ACCT	2001	New Campus	UG	Financial Accounting	W	3.000	0.00	
CSCE	4301	New Campus	UG	Embedded Systems	A	3.000	12.00	
CSCE	4302	New Campus	UG	Embedded Systems Lab	A	1.000	4.00	
CSCE	4930	New Campus	UG	Selected Topics in Computer Science and Engineering: Web Security	A	3.000	12.00	
CSCE	4930	New Campus	UG	Selected Topics in Computer Science and Engineering: Introduction to Cyber Security	A	3.000	12.00	
CSCE	4981	New Campus	UG	Senior Project II	A	2.000	8.00	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	15.000	12.000	12.000	12.000	48.00	4.000
Cumulative	150.000	141.000	141.000	140.000	554.90	3.964

Term : Spring 2024

College

Science and
Engineering

Major

Computer
Engineering

Academic Standing

Good Standing

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Quality Points	R
ENGR	5101	New Campus	UG	Cross Talk:Implement Sci&Eng	A	3.000	12.00	
PSYC	3021	New Campus	UG	PSYC of Love & Attrac in EGYPT	A	3.000	12.00	

Term Totals	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	6.000	6.000	6.000	6.000	24.00	4.000
Cumulative	156.000	147.000	147.000	146.000	578.90	3.965

Transcript Totals

Level Comments

Student on
Exchange Program
for the Spring 2022
Major GPA: 3.954
Semester at Lund
University, Sweden

Transcript Totals - (Undergraduate)	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Total Institution	156.000	147.000	147.000	146.000	578.90	3.965
Total Transfer	0.000	26.000	26.000	0.000	0.00	0.000
Overall	156.000	173.000	173.000	146.00	578.90	3.965