DALHOUSIE UNIVERSITY

Issued to:
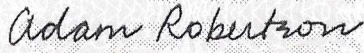AKS CHUNARA
AKS.CHUNARA@GMAIL.COM
HALIFAX,

Name: Chunara, Aks Amir

Degrees/Diplomas and Honours Awarded:

Bachelor of Computer Science: Co-operative Education in Computer Science - 16-May-2023
Sexton Distinction
Undergraduate Certificate: Communications Tech&Cyber Sec - 16-May-2023

2022 Comp Sc Sexton Scholar Awd
2022 Dalhousie In-Course Scholarship
2023 Dalhousie In-Course Scholarship

				Course Credit Hrs	Grade	Median Grade	Enrol
2019/2020 Fall							
Bachelor of Computer Science: Computer Science							
PHIL		2991	International Baccalaureate	06.0	TR		
CSCI	D	1105 1	Intro to Computer Programming	03.0	A+	B	82
CSCI	D	1109 1	Practical Data Science	03.0	A+	A	42
CSCI	D	1120 1	Intro to Computer Systems	03.0	A+	B	269
CSCI	D	1800 1	Computing & Society in History	03.0	A-	B	180
MATH	D	1000 1	Differential & Integral Calc I	03.0	A-	B	150

Undergraduate GPA: Term: 4.06   Cumulative: 4.06
Not Assessed - Elig. to Return   Sexton Scholar

				Course Credit Hrs	Grade	Median Grade	Enrol
2019/2020 Winter							
Bachelor of Computer Science: Computer Science							
CSCI	D	1110 1	Intro to Computer Science	03.0	A+		
CSCI	D	1170 1	Intro to Web Design & Devel.	03.0	A+		
CSCI	D	1801 1	Case Studies in Comp & Society	03.0	A+		
MATH	D	1010 1	Differential & Integral CalcII	03.0	A		

Undergraduate GPA: Term: 4.22   Cumulative: 4.13
Term disrupted by the COVID-19 pandemic.
See dal.ca/transcriptkey for information.
In Good Standing   Sexton Scholar

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Adam Robertson

**Assistant Vice Provost
(Student Affairs) and
University Registrar**

DALHOUSIE UNIVERSITY

Name: Chunara, Aks Amir

			Course Credit Hrs	Grade	Median Grade	Enrol
2019/2020 Summer						
ECON E 1101	Principles of Microeconomics		03.0	A	A-	230
ECON E 1102 E	Principles of Macroeconomics		03.0	A+	A-	155
Undergraduate GPA:	Term:	4.15	Cumulative:	4.13		
In Good Standing						
2020/2021 Fall						
CSCI E 2100 1	Workplace Comm for CS		03.0	PASS		
CSCI E 2110 1	Data Structures & Algorithms		03.0	A+		
CSCI E 2134 1	Software Development		03.0	A+		
CSCI D 8890 1	Co-op Seminar		00.0	PASS		
ERTH E 1080 1	Geology I		03.0	A+		
MATH E 1030 1	Matrix Theory & Linear Alg 1		03.0	A+		
OCEA E 2001 1	The Blue Planet I		03.0	A+		
Undergraduate GPA:	Term:	4.30	Cumulative:	4.18		
In Good Standing			Sexton Scholar			

2020/2021 Winter

Bachelor of Computer Science: Co-operative Education in Computer Science

			Course Credit Hrs	Grade	Median Grade	Enrol
CSCI E 2112 1	Discrete Structures I		03.0	PASS		
CSCI E 2122 1	Systems Programming		03.0	B+		
CSCI E 2141 1	Intro to Database Systems		03.0	A+		
CSCI E 2170 1	Intro to Server Side Scripting		03.0	A+		
STAT E 2060 1	Intro Probability & Stats		03.0	A		
Undergraduate GPA:	Term:	3.97	Cumulative:	4.14		
In Good Standing			Sexton Scholar			

2020/2021 Summer

Bachelor of Computer Science: Co-operative Education in Computer Science
Undergraduate Certificate: Data Science

			Course Credit Hrs	Grade	Median Grade	Enrol
CSCI D 8781 2	Co-op Work Term		00.0	PASS		
CSCI D 8791 2	Co-op I		01.0	A		
Undergraduate GPA:	Term:	4.00	Cumulative:	4.14		

Also: Undergraduate Certificate in Artificial
Intelligence and Intelligent Systems
Also: Undergraduate Certificate in Communications
Technologies and Cyber Security
In Good Standing

2021/2022 Fall

			Course Credit Hrs	Grade	Median Grade	Enrol
CSCI E 3101 1	Soc/Ethi/Prof Issues in Csci		03.0	A-	A-	209
CSCI D 3120 1	Operating Systems		03.0	A	B	160
CSCI D 3130 1	Software Engineering		03.0	A+	A	103
CSCI D 3171 1	Network Computing		03.0	A+	A	153
CSCI E 3172 1	Web-Centric Computing		03.0	A+	A+	77

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Name: Chunara, Aks Amir

				Course Credit Hrs	Grade	Median Grade	Enrol
Undergraduate GPA:	Term:	4.12		Cumulative:	4.13		
In Good Standing				Sexton Scholar			

2021/2022 Winter

					Course Credit Hrs	Grade	Median Grade	Enrol
CSCI	D	3151	1	Foundations of Machine Learn.	03.0	B	B	72
CSCI	D	8782	2	Co-op Work Term 2	00.0	PASS		
CSCI	D	8792	2	Co-op II	01.0	A		
Undergraduate GPA:		Term:	3.25		Cumulative:	4.09		
In Good Standing								

2021/2022 Summer

					Course Credit Hrs	Grade	Median Grade	Enrol
CSCI	D	2691	1	Introductory Project	03.0	B+	A	72
CSCI	D	3110	1	Algorithms I	03.0	A+	A-	74
CSCI	D	3136	1	Principles/Programming Languag	03.0	B+	B	81
CSCI	D	4145	1	Cloud Computing	03.0	A	A	26
STAT	E	2450	A	Intro Data Mining with R	03.0	A+	A+	163
Undergraduate GPA:		Term:	3.84		Cumulative:	4.05		
In Good Standing					Dean's List			

2022/2023 Fall

Bachelor of Computer Science: Co-operative Education in Computer Science
Undergraduate Certificate: Communications Tech&Cyber Sec

					Course Credit Hrs	Grade	Median Grade	Enrol
CSCI	D	8783	2	Co-op Work Term 3	00.0	PASS		
CSCI	D	8793	2	Co-op III	01.0	A+		
Undergraduate GPA:		Term:	4.30		Cumulative:	4.05		
In Good Standing								

2022/2023 Winter

					Course Credit Hrs	Grade	Median Grade	Enrol
CSCI	D	3132	1	Obj. Orient/Generic Prog	03.0	A	B-	47
CSCI	D	4144	1	Data Mining/Warehousing	03.0	B+	B-	75
CSCI	D	4174	1	Network Security	03.0	A+	A-	183
CSCI	D	4176	1	Mobile Computing	03.0	A	A-	65
Undergraduate GPA:		Term:	3.90		Cumulative:	4.03		
In Good Standing								

End of Transcript

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DALHOUSIE UNIVERSITY
Halifax, Nova Scotia, B3H 4R2 Canada
Truro, Nova Scotia, B2N 5E3 Canada
www.dal.ca/registrar

Faculties of: Arts & Social Sciences[1], Sciences[1], Management[1], Health Professions[1], Dentistry[2], Agriculture[3]

Grade Points

A+	4.3	C+	2.3
A	4.0	C	2.0
A-	3.7	C-	1.7
B+	3.3	D	1.0
B	3.0	F	0.0
B-	2.7	FM	0.0[4]

[1] Since 1991
[2] Since 1993
[3] Since 2013
[4] Available only for Health Professions 1993 onwards & Bachelor of Commerce 2010 onwards

Faculty of Law [1]

Grade Scale

A+	85-100	C+	65-67
A	80-84	C	60-64
A-	78-79	D+	55-59
B+	75-77	D	50-54
B	70-74	F	<50
B-	68-69	INC	Incomplete

[1] Since 2005

Faculty of Medicine[1]

Grading

P	Pass
F	Fail
IP	In-Progress

[1] Since 2000

Faculty of Graduate Studies[1]
Grading

Passing Grades:	A+,A,A-,B+,B,B-
Failing Grades:	FM,F
Thesis grading:	IP - In-Progress
	Approved
	Not approved

[1] Since 1992

Course Codes: Numbering

0010–0099 pre university preparation courses
0100–0300 technology level courses
1000 level courses are introductory undergraduate studies
2000–4000 level courses are advanced undergraduate studies
5000–9000 level courses are Graduate level (with some exceptions)

Credit Hours

.06 = six credit hours
.03 = three credit hours
.02 = two credit hours (technology level)

Explanation of Abbreviations

APPR	Approved
AUDIT	Audit
DEF	Deferred Exam
DIST	Distinction
F	Failure
FM	Marginal Failure
HONR	Honours
ILL	Ill (neutral in GPA)
INC	Incomplete (F in GPA)
IP	In-Progress (for thesis/independent study)
NP	No Paper (prior to 1993)
P-NOCR	Pass no credit (grade too low
Pass	Pass
PENDING	Grade pending (neutral in GPA)
REMED Rep	Remedial replacement
SUP Rep F	Supplemental replaces F
SUP Rep FM	Supplemental replaces FM
TR	On admission transfer
W	Withdrew (academic penalty prior to 1993)
*	denoted Median not reported, enrolment <10
Repeat I	Repeated course included in GPA
Repeat E	Repeated course excluded in GPA

Dalhousie Notes:

1. Effective 1990/91 a median grade is reported for all undergraduate courses with enrolment ≥10

2. Prior to May 1999 the GPA was calculated by degree. Effective May 1999 the GPA is calculated by level. Levels of study with GPA's:

AC	Architecture/Engineering (Years 3&4)
DN	Dentistry
HP	Health Professions
TC	Technology Diploma (Faculty of Agriculture)
UG	Agriculture, Arts & Social Sciences, Science, Computer Science, Engineering (Years 1&2) Management

3. For Dalhousie students taking courses at other institutions; prior to May 1991 the actual grade earned at the other institution is recorded in the remarks column. From May 1991 the grade is recorded in the grade column. From May 2003, for non Canadian institutions, Pass/Fail only is recorded.

4. The notation: Academic Forgiveness appears when a student's GPA has been reset following a prolonged absence from the university and subsequently has returned to good standing.

5. Effective 2010/2011 when a course has been repeated at the undergraduate level, only the higher grade is included in the GPA

NSAC–Nova Scotia Agricultural College

Located on a 165 hectare property in Bible Hill, Nova Scotia, Canada, the Nova Scotia Agricultural College opened in 1905. On September 1, 2012 the College merged with Dalhousie University. The resulting Faculty of Agriculture offers bachelor and masters programs, technician and technology programs, as well as continuing and distance education.

Course Numbering–2004–2013

0000-0099	Non Credit Level
0100-0300	Technical Level (2 Credit)
1000-4000	Bachelor Level (3 Credit)
5000-9000	Master Level

Grade Scale Prior to 2013

Grades range from 0 to 100, other grade notations:

IN	Incomplete	CIP	In-Progress
AU	Audit	DF	Drop/Fail
P	Pass		

Grade Requirement Prior to 2013

The pass mark for individual courses is 50%. The requirement for graduation in a degree program is a cumulative average of 60% or higher.

Historic information for all Faculties and TUNS Technical University of Nova Scotia (formerly Nova Scotia Technical College) is available online at www.dal.ca/transcriptkey.