

## Undergraduate Unofficial Transcript

Name: **Mohammed Sahl, .**  
Student ID: **20760943**  
Ontario Education Nbr: **194878534**

### Degrees Awarded

Degree: Bachelor of Computer Science  
Confer Date: 06/05/2023  
Degree Honours: Distinction  
Computer Science, Honours, Co-operative Program

### Beginning of Undergraduate Record

#### Fall 2018

Program: Computer Science, Honours, Co-operative Program  
Level: 1A Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	135	Designing Functional Programs	0.50	0.50	90
EMLS	101R	Oral Communications for Academic Purposes	0.50	0.50	85
MATH	135	Algebra for Honours Mathematics	0.50	0.50	84
MATH	137	Calculus 1 for Honours Mathematics	0.50	0.50	86
PHYS	121	Mechanics	0.50	0.50	84
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	85.80	Term Totals	2.50	2.50	
Cumulative GPA	85.80	Cumulative Totals	2.50	2.50	
Faculty Average:	86.67	Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 01/18/2019					

#### Winter 2019

Program: Computer Science, Honours, Co-operative Program  
Level: 1B Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	136	Elementary Algorithm Design and Data Abstraction	0.50	0.50	84
MATH	136	Linear Algebra 1 for Honours Mathematics	0.50	0.50	76
MATH	138	Calculus 2 For Honours Mathematics	0.50	0.50	84
PD	1	Career Fundamentals	0.50	0.00	CR
SPCOM	223	Public Speaking	0.50	0.50	84
STAT	230	Probability	0.50	0.50	84
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	82.40	Term Totals	3.00	2.50	
Cumulative GPA	84.10	Cumulative Totals	5.00	5.00	
Faculty Average:	84.00	Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 05/22/2019					

#### Spring 2019

Program: Computer Science, Honours, Co-operative Program  
Level: 2A Form Of Study: Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COOP	1	Co-operative Work Term	0.50	0.00	CR
PD	11	Processes for Technical Report Writing	0.50	0.00	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	0.00	Term Totals	1.00	0.00	
Cumulative GPA	84.10	Cumulative Totals	5.00	5.00	

## Undergraduate Unofficial Transcript

**Name:** Mohammed Sahl, .  
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### Fall 2019

**Program:** Computer Science, Honours, Co-operative Program  
**Level:** 2A **Form Of Study:** Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	245	Logic and Computation	0.50	0.50	73
CS	246	Object-Oriented Software Development	0.50	0.50	87
FR	101	Beginner French	0.50	0.50	94
MATH	239	Introduction to Combinatorics	0.50	0.50	71
REC	100	Introduction to the Study of Recreation and Leisure	0.50	0.50	79
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	80.80	Term Totals	2.50	2.50	
Cumulative GPA	83.00	Cumulative Totals	7.50	7.50	
Major Average:	81.33	Computer Science, Honours, Co-operative Program			
Faculty Average:	81.90	Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 01/21/2020					

### Winter 2020

**Program:** Computer Science, Honours, Co-operative Program  
**Level:** 2B **Form Of Study:** Enrolment

COVID-19 impacted assessment methods and performance in many courses this term.

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	240	Data Structures and Data Management	0.50	0.50	78
CS	241	Foundations of Sequential Programs	0.50	0.50	87
CS	251	Computer Organization and Design	0.50	0.50	CR
FR	151	Basic French 1	0.50	0.50	96
STAT	231	Statistics	0.50	0.50	88
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	87.25	Term Totals	2.50	2.50	
Cumulative GPA	83.90	Cumulative Totals	9.50	10.00	
Major Average:	81.80	Computer Science, Honours, Co-operative Program			
Faculty Average:	82.46	Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 05/27/2020					
Term Honours: Term Dean's Honours List					

### Spring 2020

**Program:** Computer Science, Honours, Co-operative Program  
**Level:** 3A **Form Of Study:** Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COOP	2	Co-operative Work Term	0.50	0.00	CR
PD	10	Professional Responsibility in Computing	0.50	0.00	CR
WKRPT	200M	Work-term Report	0.13	0.00	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	0.00	Term Totals	1.13	0.00	
Cumulative GPA	83.90	Cumulative Totals	9.50	10.00	
Major Average:	81.80	Computer Science, Honours, Co-operative Program			
Faculty Average:	82.46	Computer Science, Honours, Co-operative Program			

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### Fall 2020

Program: Computer Science, Honours, Co-operative Program  
Level: 3A Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	341	Algorithms	0.50	0.50	87
CS	349	User Interfaces	0.50	0.50	98
CS	350	Operating Systems	0.50	0.50	95
FR	152	Basic French 2	0.50	0.50	92
HRM	200	Basic Human Resources Management	0.50	0.50	86
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	91.60	Term Totals	2.50	2.50	
Cumulative GPA	85.50	Cumulative Totals	12.00	12.50	
Major Average:	86.12	Computer Science, Honours, Co-operative Program			
Faculty Average:	84.50	Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent Standing Effective 01/21/2021					
Term Honours: Term Distinction					

### Winter 2021

Program: Computer Science, Honours, Co-operative Program  
Level: 3B Form Of Study: Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COOP	3	Co-operative Work Term	0.50	0.00	CR
PD	5	Project Management	0.50	0.00	CR
WKRPT	300M	Work-term Report	0.13	0.13	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	0.00	Term Totals	1.13	0.13	
Cumulative GPA	85.50	Cumulative Totals	12.00	12.63	
Major Average:	86.12	Computer Science, Honours, Co-operative Program			
Faculty Average:	84.50	Computer Science, Honours, Co-operative Program			

### Spring 2021

Program: Computer Science, Honours, Co-operative Program  
Level: 3B Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CLAS	104	Classical Mythology	0.50	0.50	86
CS	458	Computer Security and Privacy	0.50	0.50	91
CS	486	Introduction to Artificial Intelligence	0.50	0.50	84
EARTH	121	Introductory Earth Sciences	0.50	0.50	92
ITAL	101	Introduction to Italian Language 1	0.50	0.50	90
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	88.60	Term Totals	2.50	2.50	
Cumulative GPA	86.03	Cumulative Totals	14.50	15.13	
Major Average:	86.40	Computer Science, Honours, Co-operative Program			
Faculty Average:	84.83	Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent Standing Effective 09/14/2021					
Term Honours: Term Distinction					

### Fall 2021

Program: Computer Science, Honours, Co-operative Program  
Level: 4A Form Of Study: Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COOP	4	Co-operative Work Term	0.50	0.00	CR
PD	7	Conflict Resolution	0.50	0.00	CR
WKRPT	400M	Work-term Report	0.13	0.13	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	0.00	Term Totals	1.13	0.13	
Cumulative GPA	86.03	Cumulative Totals	14.50	15.26	
Major Average:	86.40	Computer Science, Honours, Co-operative Program			
Faculty Average:	84.83	Computer Science, Honours, Co-operative Program			

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### Winter 2022

Program: Computer Science, Honours, Co-operative Program  
Level: 4A Form Of Study: Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COOP	5	Co-operative Work Term	0.50	0.00	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		0.00 Term Totals	0.50	0.00	
Cumulative GPA		86.03 Cumulative Totals	14.50	15.26	
Major Average:		86.40 Computer Science, Honours, Co-operative Program			
Faculty Average:		84.83 Computer Science, Honours, Co-operative Program			

### Spring 2022

Program: Computer Science, Honours, Co-operative Program  
Level: 4A Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	348	Introduction to Database Management	0.50	0.50	67
CS	370	Numerical Computation	0.50	0.50	93
DUTCH	101	Elementary Dutch 1	0.50	0.50	95
REC	280	Introduction to Tourism	0.50	0.50	88
RUSS	101	Elementary Russian 1	0.50	0.50	96
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		87.80 Term Totals	2.50	2.50	
Cumulative GPA		86.29 Cumulative Totals	17.00	17.76	
Major Average:		85.33 Computer Science, Honours, Co-operative Program			
Faculty Average:		84.35 Computer Science, Honours, Co-operative Program			
Academic Standing:		Excellent Standing Effective 09/13/2022			
Term Honours:		Term Distinction			

### Fall 2022

Program: Computer Science, Honours, Co-operative Program  
Level: 4B Form Of Study: Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COOP	6	Co-operative Work Term	0.50	0.00	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		0.00 Term Totals	0.50	0.00	
Cumulative GPA		86.29 Cumulative Totals	17.00	17.76	
Major Average:		85.33 Computer Science, Honours, Co-operative Program			
Faculty Average:		84.35 Computer Science, Honours, Co-operative Program			

### Winter 2023

Program: Computer Science, Honours, Co-operative Program  
Level: 4B Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ANTH	100	Introduction to Anthropology	0.50	0.50	92
ARABIC	102R	Introduction to Arabic 2	0.50	0.50	91
CO	487	Applied Cryptography	0.50	0.50	85
CS	451	Data-Intensive Distributed Computing	0.50	0.50	96
RUSS	102	Elementary Russian 2	0.50	0.50	93
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		91.40 Term Totals	2.50	2.50	
Cumulative GPA		86.95 Cumulative Totals	19.50	20.26	
Major Average:		86.07 Computer Science, Honours, Co-operative Program			
Faculty Average:		84.91 Computer Science, Honours, Co-operative Program			
Academic Standing:		Excellent Standing Effective 05/19/2023			
Term Honours:		Term Distinction			

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Milestones		
<u>Date Completed</u>	<u>Description</u>	<u>Status</u>
12/31/2018	Undergraduate Communication Requirement - Part 1	Completed
04/30/2019	Undergraduate Communication Requirement	Completed
08/31/2019	Work Report 1	Completed
08/31/2019	Work Term 1	Completed
08/31/2020	Work Report 2	Completed
08/31/2020	Work Term 2	Completed
04/30/2021	Work Report 3	Completed
04/30/2021	Work Term 3	Completed
12/31/2021	Work Report 4	Completed
12/31/2021	Work Term 4	Completed
04/30/2022	Work Term 5	Completed
12/31/2022	Work Term 6	Completed

### Scholarships and Awards

2019 University of Waterloo President's Scholarship of Distinction

**End of Undergraduate Unofficial Transcript**