

Undergraduate Unofficial Transcript

Name: Anand, Utkarsh
Student ID: 20859191
Ontario Education Nbr: 816594196

Beginning of Undergraduate Record

Fall 2019

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>
BUS	111W	Introduction to Business Organization (WLU)	0.50	0.50	C+
CS	135	Designing Functional Programs	0.50	0.50	81
MATH	145	Algebra (Advanced Level)	0.50	0.50	87
MATH	147	Calculus 1 (Advanced Level)	0.50	0.50	92
SPCOM	100	Interpersonal Communication	0.50	0.50	60
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		77.60 Term Totals	2.50	2.50	
Cumulative GPA		77.60 Cumulative Totals	2.50	2.50	
Faculty Average:		86.67 Computer Science, Honours, Co-operative Program			
Academic Standing: Good standing Effective 01/21/2020					

Winter 2020

Program: Computer Science, Honours, Co-operative Program
Level: 1B 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>
CHEM	120	Physical and Chemical Properties of Matter	0.50	0.50	91
CS	136	Elementary Algorithm Design and Data Abstraction	0.50	0.50	80
MATH	146	Linear Algebra 1 (Advanced level)	0.50	0.50	87
MATH	148	Calculus 2 (Advanced Level)	0.50	0.50	81
PD	1	Career Fundamentals	0.50	0.00	CR
PHYS	111	Physics 1	0.50	0.50	95
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		86.80 Term Totals	3.00	2.50	
Cumulative GPA		82.20 Cumulative Totals	5.00	5.00	
Faculty Average:		84.67 Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 05/27/2020					
Term Honours: Term Distinction					

Spring 2020

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

COVID-19 impacted ability to obtain employment for spring 2020 work term. Student can graduate with one fewer work terms.

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	245	Logic and Computation	0.50	0.50	91
CS	246	Object-Oriented Software Development	0.50	0.50	85
MATH	247	Calculus 3 (Advanced Level)	0.50	0.50	89
PD	11	Processes for Technical Report Writing	0.50	0.00	CR
STAT	230	Probability	0.50	0.50	95
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		90.00 Term Totals	2.50	2.00	
Cumulative GPA		84.43 Cumulative Totals	7.00	7.00	
Major Average:		85.33 Computer Science, Honours, Co-operative Program			
Faculty Average:		86.80 Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 09/15/2020					
Term Honours: Term Distinction					

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Fall 2020

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

<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	89
CS	241	Foundations of Sequential Programs	0.50	0.50	95
ECON	101	Introduction to Microeconomics	0.50	0.50	93
MATH	249	Introduction to Combinatorics (Advanced Level)	0.50	0.50	98
STAT	231	Statistics	0.50	0.50	80
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	91.00	Term Totals	2.50	2.50	
Cumulative GPA	86.16	Cumulative Totals	9.50	9.50	
Major Average:	88.00	Computer Science, Honours, Co-operative Program			
Faculty Average:	87.86	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: 3A Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CO	250	Introduction to Optimization	0.50	0.50	88
CS	251	Computer Organization and Design	0.50	0.50	91
CS	341	Algorithms	0.50	0.50	91
CS	370	Numerical Computation	0.50	0.50	86
PHYS	112	Physics 2	0.50	0.50	95
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	90.20	Term Totals	2.50	2.50	
Cumulative GPA	87.00	Cumulative Totals	12.00	12.00	
Major Average:	88.50	Computer Science, Honours, Co-operative Program			
Faculty Average:	88.11	Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent Standing Effective 05/19/2021					
Term Honours: Term Distinction					

Spring 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	1	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	0.13	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	0.00	Term Totals	1.13	0.13	
Cumulative GPA	87.00	Cumulative Totals	12.00	12.13	
Major Average:	88.50	Computer Science, Honours, Co-operative Program			
Faculty Average:	88.11	Computer Science, Honours, Co-operative Program			

Fall 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	93
CS	350	Operating Systems	0.50	0.50	91
CS	480	Introduction to Machine Learning	0.50	0.50	83
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	89.00	Term Totals	1.50	1.50	
Cumulative GPA	87.22	Cumulative Totals	13.50	13.63	
Major Average:	88.20	Computer Science, Honours, Co-operative Program			
Faculty Average:	88.00	Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent Standing Effective 01/20/2022					
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Winter 2022

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	2	Co-operative Work Term	0.50	0.00	CR
PD	5	Project Management	0.50	0.00	CR
SPCOM	227	Leadership	0.50	0.50	80
WKRPRT	300M	Work-term Report	0.13	0.13	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		80.00 Term Totals	1.63	0.63	
Cumulative GPA		86.96 Cumulative Totals	14.00	14.26	
Major Average:		88.20 Computer Science, Honours, Co-operative Program			
Faculty Average:		88.00 Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent Standing Effective 05/19/2022					
Term Honours: Term Distinction					

Spring 2022

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>
AMATH	250	Introduction to Differential Equations	0.50	0.50	88
CS	348	Introduction to Database Management	0.50	0.50	79
CS	486	Introduction to Artificial Intelligence	0.50	0.50	89
PHYS	234	Quantum Physics 1	0.50	0.50	84
RS	121	Evil	0.50	0.50	91
STAT	330	Mathematical Statistics	0.50	0.50	88
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		86.50 Term Totals	3.00	3.00	
Cumulative GPA		86.88 Cumulative Totals	17.00	17.26	
Major Average:		87.50 Computer Science, Honours, Co-operative Program			
Faculty Average:		87.67 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	3	Co-operative Work Term	0.50	0.00	CR
PD	6	Problem Solving	0.50	0.00	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		0.00 Term Totals	1.00	0.00	
Cumulative GPA		86.88 Cumulative Totals	17.00	17.26	
Major Average:		87.50 Computer Science, Honours, Co-operative Program			
Faculty Average:		87.67 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>
CS	451	Data-Intensive Distributed Computing	0.50	0.50	90
CS	476	Numeric Computation for Financial Modeling	0.50	0.50	78
STAT	333	Stochastic Processes 1	0.50	0.50	79
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		82.33 Term Totals	1.50	1.50	
Cumulative GPA		86.51 Cumulative Totals	18.50	18.76	
Major Average:		87.00 Computer Science, Honours, Co-operative Program			
Faculty Average:		87.07 Computer Science, Honours, Co-operative Program			
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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	4	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		86.51 Cumulative Totals	18.50	18.76	
Major Average:		87.00 Computer Science, Honours, Co-operative Program			
Faculty Average:		87.07 Computer Science, Honours, Co-operative Program			

Fall 2023

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	5	Co-operative Work Term			

Milestones

<u>Date Completed</u>	<u>Description</u>	<u>Status</u>
12/31/2019	Undergraduate Communication Requirement - Part 1	Completed
08/31/2020	Work Report 1	Completed
08/31/2020	Work Term Exemption	Completed
08/31/2021	Work Report 2	Completed
08/31/2021	Work Term 1	Completed
04/30/2022	Undergraduate Communication Requirement	Completed
04/30/2022	Work Report 3	Completed
04/30/2022	Work Term 2	Completed
12/31/2022	Work Term 3	Completed
08/31/2023	Work Term 4	Completed

Scholarships and Awards

2020 University of Waterloo President's Scholarship of Distinction
2020 University of Waterloo International Student Entrance Scholarship

End of Undergraduate Unofficial Transcript