

Undergraduate Unofficial Transcript

Name: Bright, Arthur
Student ID: 20937594
Ontario Education Nbr: 141756197

Beginning of Undergraduate Record

Fall 2021

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	145	Designing Functional Programs (Advanced Level)	0.50	0.50	99
MATH	145	Algebra (Advanced Level)	0.50	0.50	100
MATH	147	Calculus 1 (Advanced Level)	0.50	0.50	100
MTHL	99	First-Year Mathematics Readiness	0.00	0.00	CR
Course Topic:		First year readiness			
PHYS	121	Mechanics	0.50	0.50	96
SPCOM	223	Public Speaking	0.50	0.50	92
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		97.40 Term Totals	2.50	2.50	
Cumulative GPA		97.40 Cumulative Totals	2.50	2.50	
Faculty Average:		99.67 Computer Science, Honours, Co-operative Program			
Academic Standing:		Excellent Standing Effective 01/20/2022			
Term Honours:		Term Distinction			

Winter 2022

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	146	Elementary Algorithm Design and Data Abstraction (Advanced Level)	0.50	0.50	100
ENGL	210E	Genres of Technical Communication	0.50	0.50	91
MATH	146	Linear Algebra 1 (Advanced Level)	0.50	0.50	100
MATH	148	Calculus 2 (Advanced Level)	0.50	0.50	100
MUSIC	270	Music Theory 1	0.50	0.50	100
PD	1	Career Fundamentals	0.50	0.00	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		98.20 Term Totals	3.00	2.50	
Cumulative GPA		97.80 Cumulative Totals	5.00	5.00	
Faculty Average:		99.83 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: 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
GEOG	181	Designing Effective Maps	0.50	0.50	95
PD	11	Processes for Technical Report Writing	0.50	0.00	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		95.00 Term Totals	1.50	0.50	
Cumulative GPA		97.54 Cumulative Totals	5.50	5.50	
Faculty Average:		99.83 Computer Science, Honours, Co-operative Program			
Academic Standing:		Excellent Standing Effective 09/13/2022			
Term Honours:		Term Distinction			

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Fall 2022

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	245E	Logic and Computation (Enriched)	0.50	0.50	100
CS	246E	Object-Oriented Software Development (Enriched)	0.50	0.50	100
CS	251	Computer Organization and Design	0.50	0.50	93
MATH	249	Introduction to Combinatorics (Advanced Level)	0.50	0.50	100
STAT	240	Probability (Advanced Level)	0.50	0.50	100
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	98.60	Term Totals	2.50	2.50	
Cumulative GPA	97.88	Cumulative Totals	8.00	8.00	
Major Average:	98.25	Computer Science, Honours, Co-operative Program			
Faculty Average:	99.27	Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent Standing Effective 01/19/2023					
Term Honours: Term Distinction					

Winter 2023

Program: Computer Science, Honours, Co-operative Program
Level: 2B **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
ECON	102	Introduction to Macroeconomics	0.50	0.50	97
PD	10	Professional Responsibility in Computing	0.50	0.00	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	97.00	Term Totals	1.50	0.50	
Cumulative GPA	97.82	Cumulative Totals	8.50	8.50	
Major Average:	98.25	Computer Science, Honours, Co-operative Program			
Faculty Average:	99.27	Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent Standing Effective 05/19/2023					
Term Honours: Term Distinction					

Spring 2023

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>
CO	342	Introduction to Graph Theory	0.50	0.50	100
CS	240	Data Structures and Data Management	0.50	0.50	99
CS	241	Foundations of Sequential Programs	0.50	0.50	99
CS	370	Numerical Computation	0.50	0.50	98
MATH	245	Linear Algebra 2 (Advanced Level)	0.50	0.50	100
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	99.20	Term Totals	2.50	2.50	
Cumulative GPA	98.14	Cumulative Totals	11.00	11.00	
Major Average:	98.43	Computer Science, Honours, Co-operative Program			
Faculty Average:	99.25	Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent Standing Effective 09/14/2023					
Term Honours: Term Distinction					

Fall 2023

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	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	98.14	Cumulative Totals	11.00	11.00	
Major Average:	98.43	Computer Science, Honours, Co-operative Program			
Faculty Average:	99.25	Computer Science, Honours, Co-operative Program			

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Winter 2024

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	255	Introduction to Optimization (Advanced Level)	0.50	0.50	100
CS	341	Algorithms	0.50	0.50	100
CS	350	Operating Systems	0.50	0.50	100
MUSIC	271	Music Theory 2	0.50	0.50	98
STAT	241	Statistics (Advanced Level)	0.50	0.50	98
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	99.20	Term Totals	2.50	2.50	
Cumulative GPA	98.33	Cumulative Totals	13.50	13.50	
Major Average:	98.78	Computer Science, Honours, Co-operative Program			
Faculty Average:	99.30	Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent Standing Effective 05/16/2024					
Term Honours:		Term Distinction			

Spring 2024

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	4	Co-operative Work Term	0.50	0.00	CR
PD	8	Intercultural Skills	0.50	0.00	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA	0.00	Term Totals	1.00	0.00	
Cumulative GPA	98.33	Cumulative Totals	13.50	13.50	
Major Average:	98.78	Computer Science, Honours, Co-operative Program			
Faculty Average:	99.30	Computer Science, Honours, Co-operative Program			

Fall 2024

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>
CO	456	Introduction to Game Theory			
CS	466	Algorithm Design and Analysis			
CS	480	Introduction to Machine Learning			
CS	484	Computational Vision			
MUSIC	275	Music and Technology			

Milestones

<u>Date Completed</u>	<u>Description</u>	<u>Status</u>
12/31/2021	Undergraduate Communication Requirement - Part 1	Completed
04/30/2022	Undergraduate Communication Requirement	Completed
08/31/2022	Work Report 1	Completed
08/31/2022	Work Term 1	Completed
04/30/2023	Work Term 2	Completed
12/31/2023	Work Term 3	Completed
08/31/2024	Work Term 4	Completed

Scholarships and Awards

2022	University of Waterloo President's Scholarship of Distinction
2022	Faculty of Math Entrance Scholarship
2023	Faculty of Math Entrance Scholarship
2024	President's International Experience Award
2024	Faculty of Math Entrance Scholarship
2024	Putnam Prize
2025	Faculty of Math Entrance Scholarship

Transfer Credits

Transfer Credit from AP - Markville Secondary School
Applied Toward Computer Science HC Program

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<u>Course</u>	<u>Nbr</u>	<u>Description</u>	<u>Earned</u>
CHEM	120	General Chemistry 1	0.50
CHEM	120L	General Chemistry Laboratory 1	0.25
CHEM	123	General Chemistry 2	0.50
CHEM	123L	General Chemistry Laboratory 2	0.25

End of Undergraduate Unofficial Transcript