

Undergraduate Unofficial Transcript

Name: **Brady, Ryan John**
Student ID: **20299088**
Ontario Education Nbr: **304146962**

Degrees Awarded

Degree: Bachelor of Computer Science
Confer Date: 10/25/2013
Degree Honours: With Distinction
Computer Science, Honours, Co-operative Program
Cognitive Science Minor

Beginning of Undergraduate Record

Fall 2008

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

Course	Description	Attempted	Earned	Grade
CS 135	Designing Functional Programs	0.50	0.50	95
MATH 135	Algebra for Honours Mathematics	0.50	0.50	81
MATH 137	Calculus 1 for Honours Mathematics	0.50	0.50	82
PHIL 100J	Introduction to Philosophy	0.50	0.50	88
PHYS 121	Mechanics and Waves 1	0.50	0.50	80
		<u>In GPA</u>	<u>Earned</u>	
Term GPA	85.20 Term Totals	2.50	2.50	
Cumulative GPA	85.20 Cumulative Totals	2.50	2.50	
Faculty Average:	86.00 Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 12/31/2008				

Winter 2009

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

Course	Description	Attempted	Earned	Grade
CS 136	Elementary Algorithm Design and Data Abstraction	0.50	0.50	96
MATH 136	Linear Algebra 1 for Honours Mathematics	0.50	0.50	75
MATH 138	Calculus 2 For Honours Mathematics	0.50	0.50	84
PSYCH 101	Introductory Psychology	0.50	0.50	91
STAT 230	Probability	0.50	0.50	82
		<u>In GPA</u>	<u>Earned</u>	
Term GPA	85.60 Term Totals	2.50	2.50	
Cumulative GPA	85.40 Cumulative Totals	5.00	5.00	
Faculty Average:	85.00 Computer Science, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 04/30/2009				

Spring 2009

Program: Computer Science/Digital Hardware Option, Honours, Co-operative Program
Level: 2A Load: Full-Time Form Of Study: Enrolment

Course	Description	Attempted	Earned	Grade
CS 241	Foundations of Sequential Programs	0.50	0.50	92
CS 245	Logic and Computation	0.50	0.50	89
ECON 102	Introduction to Macroeconomics	0.50	0.50	91
ME 123	Electrical Engineering for Mechanical Engineers	0.50	0.50	91
PD 1	Co-op Fundamentals	0.50	0.00	CR
STAT 231	Statistics	0.50	0.50	72
		<u>In GPA</u>	<u>Earned</u>	
Term GPA	87.00 Term Totals	3.00	2.50	
Cumulative GPA	85.93 Cumulative Totals	7.50	7.50	
Major Average:	92.33 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Faculty Average:	84.80 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 08/31/2009				
Term Honours: Term Dean's Honours List				

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Fall 2009

Program: Computer Science/Digital Hardware Option, Honours, Co-operative Program
Level: 2B Load: Part-Time Form Of Study: Co-op WorkTerm

<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	2	Critical Reflection and 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		85.93 Cumulative Totals	7.50	7.50	

Winter 2010

Program: Computer Science/Digital Hardware Option, Honours, Co-operative Program
Level: 2B Load: Full-Time 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	246	Software Abstraction and Specification	0.50	0.50	80
MATH	239	Introduction to Combinatorics	0.50	0.50	69
PSYCH	207	Cognitive Processes	0.50	0.50	87
SE	141	Digital Circuits and Systems	0.50	0.50	83
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		81.60 Term Totals	2.50	2.50	
Cumulative GPA		84.85 Cumulative Totals	10.00	10.00	
Major Average:		89.20 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Faculty Average:		83.54 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 04/30/2010					

Spring 2010

Program: Computer Science/Digital Hardware Option, Honours, Co-operative Program
Level: 3A Load: Part-Time Form Of Study: Co-op WorkTerm

<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	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		84.85 Cumulative Totals	10.00	10.00	

Fall 2010

Program: Computer Science/Digital Hardware Option, Honours, Co-operative Program
Level: 3A Load: Full-Time 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	91
CS	350	Operating Systems	0.50	0.50	90
ECE	222	Digital Computers	0.50	0.50	82
ECON	101	Introduction to Microeconomics	0.50	0.50	86
PSYCH	256	Introduction to Cognitive Science	0.50	0.50	69
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		83.60 Term Totals	2.50	2.50	
Cumulative GPA		84.60 Cumulative Totals	12.50	12.50	
Major Average:		88.62 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Faculty Average:		84.31 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 12/31/2010					

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Winter 2011

Program: Computer Science/Digital Hardware Option, Honours, Co-operative Program
Level: 3B Load: Part-Time Form Of Study: Co-op WorkTerm

<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
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		0.00 Term Totals	1.00	0.00	
Cumulative GPA		84.60 Cumulative Totals	12.50	12.50	

Spring 2011

Program: Computer Science/Digital Hardware Option, Honours, Co-operative Program
Level: 3B Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	349	User Interfaces	0.50	0.50	88
CS	456	Computer Networks	0.50	0.50	92
CS	486	Introduction to Artificial Intelligence	0.50	0.50	90
ECE	224	Embedded Microprocessor Systems	0.50	0.50	81
ENGL	306A	Introduction to Linguistics	0.50	0.50	75
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		85.20 Term Totals	2.50	2.50	
Cumulative GPA		84.70 Cumulative Totals	15.00	15.00	
Major Average:		89.00 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Faculty Average:		85.21 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 08/31/2011					

Fall 2011

Program: Computer Science/Digital Hardware Option, Honours, Co-operative Program
Level: 4A Load: Part-Time Form Of Study: Co-op WorkTerm

<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
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		0.00 Term Totals	1.00	0.00	
Cumulative GPA		84.70 Cumulative Totals	15.00	15.00	

Winter 2012

Program: Computer Science/Digital Hardware Option, Honours, Co-operative Program
Level: 4A Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	343	Concurrent and Parallel Programming	0.50	0.50	80
CS	360	Introduction to the Theory of Computing	0.50	0.50	78
CS	454	Distributed Systems	0.50	0.50	78
ECE	327	Digital Hardware Systems	0.50	0.50	71
PSYCH	261	Physiological Psychology	0.50	0.50	68
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		75.00 Term Totals	2.50	2.50	
Cumulative GPA		83.31 Cumulative Totals	17.50	17.50	
Major Average:		86.79 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Faculty Average:		84.32 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 04/03/2012					

Spring 2012

Program: Computer Science/Digital Hardware Option, Honours, Co-operative Program
Level: 4B Load: Part-Time Form Of Study: Co-op WorkTerm

<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		83.31 Cumulative Totals	17.50	17.50	

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Fall 2012

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Level: 4B Load: Part-Time Form Of Study: Co-op WorkTerm

<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		83.31 Cumulative Totals	17.50	17.50	

Winter 2013

Program: Computer Science/Digital Hardware Option, Honours, Co-operative Program
Level: 4B Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	452	Real-time Programming	0.50	0.50	93
CS	485	Machine Learning: Statistical and Computational Foundations	0.50	0.50	60
PSYCH	306	Perception	0.50	0.50	72
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		75.00 Term Totals	1.50	1.50	
Cumulative GPA		82.66 Cumulative Totals	19.00	19.00	
Major Average:		85.50 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Faculty Average:		83.67 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 04/30/2013					

Spring 2013

Program: Computer Science/Digital Hardware Option, Honours, Co-operative Program
Level: 4B Load: Full-Time 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	69
CLAS	201	Ancient Greek Society	0.50	0.50	68
JAPAN	101R	First-Year Japanese 1	0.50	0.50	62
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		66.33 Term Totals	1.50	1.50	
Cumulative GPA		81.46 Cumulative Totals	20.50	20.50	
Major Average:		85.50 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Faculty Average:		83.67 Computer Science/Digital Hardware Option, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 08/31/2013					

Milestones

<u>Date Completed</u>	<u>Description</u>	<u>Status</u>
09/01/2008	English Proficiency	Completed
12/30/2009	Work Report 1	Completed
12/30/2009	Work Term 1	Completed
08/30/2010	Work Report 2	Completed
08/30/2010	Work Term 2	Completed
04/30/2011	Work Report 3	Completed
04/30/2011	Work Term 3	Completed
12/30/2011	Work Report 4	Completed
12/30/2011	Work Term 4	Completed
08/30/2012	Work Term 6	Completed
12/30/2012	Work Term 5	Completed

Scholarships and Awards

2009 University of Waterloo President's Scholarship

End of Undergraduate Unofficial Transcript