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UNIVERSITY OF WATERLOO UNDERGRADUATE UNOFFICIAL TRANSCRIPT

Name: Grant, Elyot

Student ID: 20206239

Date Produced: Oct 25, 2013

Degrees Awarded

Degree: Bachelor of Mathematics

Honours Computer Science, Co-operative Program

Honours Combinatorics and Optimization, Co-operative Program

Pure Mathematics Minor

Degree Honours: With Distinction

Degree Honours: Dean's Honours List

Confer Date: June 18, 2010

Winter 2010 4B Full-Time

Program: Computer Science, Honours, Co-operative Program

Units

Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
ANTH 101	Human and Cultural Evolution	0.50/0.50	90	Y	Y		
CS 442	Principles of Programming Languages	0.50/0.50	94	Y	Y		
CS 473	Medical Image Processing	0.50/0.50	97	Y	Y		
CS 487	Introduction to Symbolic Computation	0.50/0.50	100	Y	Y		
PHYS 223	Electricity and Magnetism 2	0.50/0.50	97	Y	Y		
PHYS 352	Analogue Electronics	0.50/0.50	96	Y	Y		

Term Avg	95.67	Term Units In Avg	3.00	Term Units Earned	3.00
Cumulative Avg	96.84	Total Units In Avg	24.50	Total Units Earned	24.50
Total Units Taken	24.50	Total Units Passed	24.50		
		Total Transfer Units	0.00		

Faculty Average 97.46 Calculated On May 05, 2010

Major Average 97.27 Computer Science Calculated On May 05, 2010

Academic Standing: Excellent standing

Honours: UW Alumni Gold Medal

Term Dean's Honours List

Fall 2009 4B Full-Time

Program: Computer Science, Honours, Co-operative Program

Units

Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
CO 456	Introduction to Game Theory	0.50/0.50	100	Y	Y		

CS 466	Algorithm Design and Analysis	0.50/0.50	92	Y	Y
ECON 202	Macroeconomic Theory 1	0.50/0.50	95	Y	Y
PHYS 222	Electricity and Magnetism 1	0.50/0.50	95	Y	Y
PMATH 432	First Order Logic and Computability	0.50/0.50	96	Y	Y
PMATH 442	Fields and Galois Theory	0.50/0.50	92	Y	Y

Term Avg	95.00	Term Units In Avg	3.00	Term Units Earned	3.00
Cumulative Avg	97.00	Total Units In Avg	21.50	Total Units Earned	21.50
Total Units Taken	21.50	Total Units Passed	21.50		
		Total Transfer Units	0.00		

Faculty Average 97.50 Calculated On Jan 07, 2010

Major Average 97.33 Computer Science Calculated On Jan 07, 2010

Academic Standing: Excellent standing

Honours: Term Dean's Honours List

Spring 2009 4B Part-Time Co-op Work

Program: Computer Science, Honours, Co-operative Program

Units

<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
COOP 6	Co-operative Work Term		CR	N	N		
ENGL 306A	Introduction to Linguistics	0.50/0.50	94	Y	Y		

Term Avg	94.00	Term Units In Avg	0.50	Term Units Earned	0.50
Cumulative Avg	97.32	Total Units In Avg	18.50	Total Units Earned	18.50

Total Units Taken	18.50	Total Units Passed	18.50
		Total Transfer Units	0.00

Faculty Average 97.81 Calculated On Sep 03, 2009

Major Average 97.82 Computer Science Calculated On Sep 03, 2009

Academic Standing: **Excellent standing**

Winter 2009 4A Full-Time

Program: Computer Science, Honours, Co-operative Program

								<i>Units</i>
<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>	
AMATH 250	Introduction to Differential Equations	0.50/0.50	100	Y	Y			
AMATH 391	From Fourier to Wavelets	0.50/0.50	95	Y	Y			
CO 444	Algebraic Graph Theory	0.50/0.50	99	Y	Y			
CS 341	Algorithms	0.50/0.50	100	Y	Y			
CS 467	Introduction to Quantum Information Processing	0.50/0.50	98	Y	Y			
PMATH 346	Group Theory	0.50/0.50	100	Y	Y			

Term Avg	98.67	Term Units In Avg	3.00	Term Units Earned	3.00
Cumulative Avg	97.42	Total Units In Avg	18.00	Total Units Earned	18.00
Total Units Taken	18.00	Total Units Passed	18.00		
		Total Transfer Units	0.00		

Faculty Average 97.81 Calculated On May 05, 2009

Major Average 97.82 Computer Science Calculated On May 05, 2009

Academic Standing: **Excellent standing**

Honours: **Waterloo Co-op Student of the Year**

Term Dean's Honours List

Fall 2008 4A Part-Time Co-op Work

Program: Computer Science, Honours, Co-operative Program

			<i>Units</i>				
<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
CO 450	Combinatorial Optimization	0.50/0.50	100	Y	Y		
COOP 5	Co-operative Work Term		CR	N	N		
Term Avg	100.00	Term Units In Avg	0.50	Term Units Earned			0.50
Cumulative Avg	97.17	Total Units In Avg	15.00	Total Units Earned			15.00
Total Units Taken	15.00	Total Units Passed	15.00				
		Total Transfer Units	0.00				
Faculty Average	97.62	Calculated On Jan 08, 2009					
Major Average	97.56	Computer Science		Calculated On Jan 08, 2009			
Academic Standing:	Excellent standing						

Spring 2008 3A Full-Time

Program: Computer Science, Honours, Co-operative Program

			<i>Units</i>				
<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
CO 351	Network Flow Theory	0.50/0.50	100	Y	Y		
CO 454	Scheduling	0.50/0.50	99	Y	Y		
CO 345	...	0.50/0.50	100	Y	Y		

CS 245	Logic and Computation	0.50/0.50	100	Y	Y
CS 350	Operating Systems	0.50/0.50	97	Y	Y
PMATH 345	Polynomials, Rings and Finite Fields	0.50/0.50	98	Y	Y
PMATH 351	Real Analysis	0.50/0.50	95	Y	Y

Term Avg	98.17	Term Units In Avg	3.00	Term Units Earned	3.00
Cumulative Avg	97.07	Total Units In Avg	14.50	Total Units Earned	14.50
Total Units Taken	14.50	Total Units Passed	14.50		
		Total Transfer Units	0.00		

Faculty Average 97.52 Calculated On Sep 04, 2008

Major Average 97.56 Computer Science Calculated On Sep 04, 2008

Academic Standing: Excellent standing

Honours: Term Dean's Honours List

Winter 2008 3A Part-Time Co-op Work

Program: Computer Science, Honours, Co-operative Program

Units

Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
COOP 4	Co-operative Work Term		CR	N	N		
CS 365	Models of Computation	0.50/0.50	99	Y	Y		

Term Avg	99.00	Term Units In Avg	0.50	Term Units Earned	0.50
Cumulative Avg	96.78	Total Units In Avg	11.50	Total Units Earned	11.50
Total Units Taken	11.50	Total Units Passed	11.50		
		Total Transfer Units	0.00		

Faculty Average 97.32 Calculated On May 06, 2008

Major Average 97.29 Computer Science

Calculated On May 06, 2008

Academic Standing: Excellent standing

Fall 2007 2B Full-Time

Program: Computer Science, Honours, Co-operative Program

		<i>Units</i>					
<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
AMATH 231	Calculus 4	0.50/0.50	99	Y	Y		
CO 342	Introduction to Graph Theory	0.50/0.50	99	Y	Y		
CO 355	Mathematical Optimization	0.50/0.50	95	Y	Y		
CS 246	Software Abstraction and Specification	0.50/0.50	90	Y	Y		
CS 371	Introduction to Computational Mathematics	0.50/0.50	100	Y	Y		
STAT 241	Statistics (Advanced Level)	0.50/0.50	90	Y	Y		

Term Avg	95.50	Term Units In Avg	3.00	Term Units Earned	3.00
Cumulative Avg	96.68	Total Units In Avg	11.00	Total Units Earned	11.00
Total Units Taken	11.00	Total Units Passed	11.00		
		Total Transfer Units	0.00		

Faculty Average 97.22 Calculated On Jan 07, 2008

Major Average 97.00 Computer Science

Calculated On Jan 07, 2008

Academic Standing: Excellent standing

Honours: Term Dean's Honours List

Spring 2007 2B Part-Time

Co-op Work

Program: Computer Science, Honours, Co-operative Program

Units

Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
COOP 3	Co-operative Work Term		CR	N	N		
ECON 102	Introduction to Macroeconomics	0.50/0.50	99	Y	Y		
Term Avg	99.00	Term Units In Avg	0.50	Term Units Earned			0.50
Cumulative Avg	97.13	Total Units In Avg	8.00	Total Units Earned			8.00
Total Units Taken	8.00	Total Units Passed	8.00				
		Total Transfer Units	0.00				
Faculty Average	98.08	Calculated On Sep 04, 2007					
Major Average	98.00	Computer Science		Calculated On Sep 04, 2007			
Academic Standing:	Excellent standing						

Winter 2007 2A Full-Time

Program: Computer Science, Honours, Co-operative Program

Units

Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
CS 240	Data Structures and Data Management	0.50/0.50	99	Y	Y		
MATH 245	Linear Algebra 2 (Advanced Level)	0.50/0.50	97	Y	Y		
MATH 247	Calculus 3 (Advanced Level)	0.50/0.50	96	Y	Y		

MATH 249	Introduction to Combinatorics (Advanced Level)	0.50/0.50	100	Y	Y
STAT 240	Probability (Advanced Level)	0.50/0.50	98	Y	Y

Term Avg	98.00	Term Units In Avg	2.50	Term Units Earned	2.50
Cumulative Avg	97.00	Total Units In Avg	7.50	Total Units Earned	7.50
Total Units Taken	7.50	Total Units Passed	7.50		
		Total Transfer Units	0.00		

Faculty Average 98.08 Calculated On May 07, 2007

Major Average 98.00 Computer Science Calculated On May 07, 2007

Academic Standing: Excellent standing

Honours: Term Dean's Honours List

Fall 2006 2A Part-Time Co-op Work

Program: Computer Science, Honours, Co-operative Program

Units

<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
COOP 2	Co-operative Work Term		CR	N	N		

Term Avg	0.00	Term Units In Avg	0.00	Term Units Earned	0.00
Cumulative Avg	96.50	Total Units In Avg	5.00	Total Units Earned	5.00
Total Units Taken	5.00	Total Units Passed	5.00		
		Total Transfer Units	0.00		

Spring 2006 1B Full-Time

Program: Computer Science, Honours, Co-operative Program

		<i>Units</i>					
<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
CS 241	Foundations of Sequential Programs	0.50/0.50	100	Y	Y		
CS 251	Computer Organization and Design	0.50/0.50	93	Y	Y		
MATH 146	Linear Algebra 1 (Advanced level)	0.50/0.50	96	Y	Y		
MATH 148	Calculus 2 (Advanced Level)	0.50/0.50	98	Y	Y		
PHYS 122	Mechanics and Waves 2	0.50/0.50	92	Y	Y		

Term Avg	95.80	Term Units In Avg	2.50	Term Units Earned	2.50
Cumulative Avg	96.50	Total Units In Avg	5.00	Total Units Earned	5.00
Total Units Taken	5.00	Total Units Passed	5.00		
		Total Transfer Units	0.00		

Faculty Average 98.14 Calculated On Sep 05, 2006

Major Average 97.67 Computer Science Calculated On Sep 05, 2006

Academic Standing: Excellent standing

Honours: Term Dean's Honours List

Winter 2006 1B Part-Time

Co-op Work

Program: Computer Science, Honours, Co-operative Program

Units

<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
COOP 1	Co-operative Work Term		CR	N	N		
Term Avg	0.00	Term Units In Avg	0.00	Term Units Earned			0.00
Cumulative Avg	97.20	Total Units In Avg	2.50	Total Units Earned			2.50
Total Units Taken	2.50	Total Units Passed	2.50				
		Total Transfer Units	0.00				

Fall 2005 1A Full-Time

Program: Computer Science, Honours, Co-operative Program

Units

<i>Course</i>	<i>Description</i>	<i>Attempt/Earn</i>	<i>Grade</i>	<i>Credit</i>	<i>InGPA</i>	<i>Desig</i>	<i>DesGrd</i>
CS 134	Principles of Computer Science	0.50/0.50	100	Y	Y		
MATH 145	Algebra (Advanced Level)	0.50/0.50	100	Y	Y		
MATH 147	Calculus 1 (Advanced Level)	0.50/0.50	100	Y	Y		
PHIL 145	Critical Thinking	0.50/0.50	90	Y	Y		
PHYS 121	Mechanics, Wave Motion and Heat 1	0.50/0.50	96	Y	Y		
Term Avg	97.20	Term Units In Avg	2.50	Term Units Earned			2.50
Cumulative Avg	97.20	Total Units In Avg	2.50	Total Units Earned			2.50
Total Units Taken	2.50	Total Units Passed	2.50				
		Total Transfer Units	0.00				

Faculty Average 100.00 Calculated On Jan 06, 2006

Academic Standing: **Excellent standing**

Honours: **Term Dean's Honours List**

Non-Course Milestones

English Proficiency	Completed	September 30, 2005
Work Report 1	Completed	April 30, 2006
Work Report 2	Completed	December 30, 2006
Work Report 3	Completed	August 30, 2007
Work Report 4	Completed	December 30, 2008
Work Term 1	Completed	April 30, 2006
Work Term 2	Completed	December 30, 2006
Work Term 3	Completed	August 30, 2007
Work Term 4	Completed	August 30, 2007
Work Term 5	Completed	August 30, 2007
Work Term 6	Completed	August 30, 2009

Scholarships & Awards

2005-2006	SAS Institute National Scholarship
2005-2006	Special K Prize
2005-2006	University of Waterloo President's Scholarship
2006-2007	Putnam Prize
2006-2007	Research in Motion Work-Term Report Award
2006-2007	SAS Institute National Scholarship
2007-2008	SAS Institute National Scholarship
2008-2009	Putnam Prize
2008-2009	SAS Institute National Scholarship
2009-2010	SAS Institute National Scholarship

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