



NAME: **Chen, Bao Xin**

RECORD AS OF: 2018-09-17

ISSUED TO: **Bao Xin Chen**

STUDENT NUMBER:
OEN:

BIRTH DAY/MONTH:

REGISTRATION HISTORY

2012 Fall - 2016 Winter : Faculty of Arts and Science

GRADUATION SUMMARY

HONOURS BACHELOR OF SCIENCE CONFERRED - JUNE 2016 WITH HIGH DISTINCTION

Faculty of Arts and Science

Completed - 2016 Winter - SPECIALIST - COMPUTER SCIENCE

2016 Winter - FOCUS IN ARTIFICIAL INTELLIGENCE

2013 Summer-Dean's List Scholar

2014 Winter-Dean's List Scholar

2016 Winter-Dean's List Scholar

CRS CODE TITLE WGT

CSC108H1 Intro to Comp Prog 0.50

Transfer Credit - Equivalent
Guangdong AIB Polytechnic College (China)

CSC148H1 Intro to Comp Sci 0.50

Transfer Credit - Equivalent
Guangdong AIB Polytechnic College (China)

CSC309H1 Prog on the Web 0.50

Transfer Credit - Equivalent
Guangdong AIB Polytechnic College (China)

MAT135H1 Calculus I (A) 0.50

Transfer Credit - Equivalent
Guangdong AIB Polytechnic College (China)

MAT136H1 Calculus I (B) 0.50

Transfer Credit - Equivalent
Guangdong AIB Polytechnic College (China)

CSC1*** Transfer Credit - Equivalent 0.50

Hardware (BR=5)
Guangdong AIB Polytechnic College (China)

CSC2*** Transfer Credit - Equivalent 0.50

Database (BR=5)
Guangdong AIB Polytechnic College (China)

CSC2*** Transfer Credit - Equivalent 0.50

Networks (BR=5)
Guangdong AIB Polytechnic College (China)

CSC2*** Transfer Credit - Equivalent 0.50

Network Security (BR=5)
Guangdong AIB Polytechnic College (China)

Credits earned: 4.50

2012 FALL - BACHELOR'S DEGREE PROGRAM - WOODSWORTH COLLEGE

SESSIONAL GPA: 3.93 CUMULATIVE GPA: 3.93

CRS CODE TITLE WGT

CSC165H1 Math Expr&Rsgn for Cs 0.50

CSC207H1 Software Design 0.50

ENV100H1 Intro to Environment 0.50

MAT223H1 Linear Algebra I 0.50

STA247H1 Prob Comp Appl 0.50

Credits earned: 2.50

2013 WINTER - BACHELOR'S DEGREE PROGRAM - WOODSWORTH COLLEGE

SESSIONAL GPA: 3.85 ANNUAL GPA: 3.89 CUMULATIVE GPA: 3.89

STATUS: IN GOOD STANDING

CRS CODE TITLE WGT

CSC209H1 Soft Tools & Sys Prog 0.50

CSC236H1 Intro to Theory Comp 0.50

CSC258H1 Computer Organizatn	0.50	91	A+	B-
STA248H1 Stats For Comp Sci	0.50	90	A+	B-

Credits earned: 2.00

2013 SUMMER - BACHELOR'S DEGREE PROGRAM - WOODSWORTH COLLEGE

SESSIONAL GPA: 3.50 CUMULATIVE GPA: 3.81

STATUS: IN GOOD STANDING

CRS CODE TITLE WGT MRK GRD CRS AVG

CSC263H1 Data Structures & Analysis	0.50	76	B	C+
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EAS120Y1 Mod Std Japanese I	1.00		CR	B
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PHL245H1 Mod Symbolic Logic	0.50	92	A+	B-
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Credits earned: 2.00

2013 FALL - BACHELOR'S DEGREE PROGRAM - WOODSWORTH COLLEGE

SESSIONAL GPA: 3.43 CUMULATIVE GPA: 3.70

CRS CODE TITLE WGT

CSC301H1 Intro to Soft Eng	0.50	83	A-	B+
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CSC324H1 Prog Languages	0.50	86	A	B+
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CSC369H1 Operating Systems	0.50	66	C	C+
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PHL345H1 Intermediate Logic	0.50	92	A+	B+
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Credits earned: 2.00

2014 WINTER - BACHELOR'S DEGREE PROGRAM - WOODSWORTH COLLEGE

SESSIONAL GPA: 3.90 ANNUAL GPA: 3.63 CUMULATIVE GPA: 3.74

STATUS: IN GOOD STANDING

CRS CODE TITLE WGT

CSC343H1 Intro to Databases	0.50	94	A+	B-
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CSC358H1 Intro Comp Networks	0.50	91	A+	B-
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CSC373H1 Algo Design & Analysis	0.50	82	A-	C
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Credits earned: 1.50

2014 SUMMER - BACHELOR'S DEGREE PROGRAM - WOODSWORTH COLLEGE

SESSIONAL GPA: 4.00 CUMULATIVE GPA: 3.76

STATUS: IN GOOD STANDING

CRS CODE TITLE WGT

MAT235Y1 Calculus Sci II	1.00	91	A+	C-
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Credits earned: 1.00

2014 FALL - BACHELOR'S DEGREE PROGRAM - WOODSWORTH COLLEGE

SESSIONAL GPA: 4.00 CUMULATIVE GPA: 3.78

CRS CODE TITLE WGT

CSC465H1 Formal Methods Software Design	0.50	97	A+	C+
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PEY200Y1 Pro Experience Year	0.00		IPR	EXT
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Credits earned: 0.50

In March 2015, the University of Toronto was

affected by a labour disruption. As a result,

some students were graded on the University's

approved Credit/No Credit scale (see transcript

key), rather than receiving a letter or numeric

grade, for courses completed in Winter 2015.



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For more information, see:
<http://www.transcripts.utoronto.ca/guide>
2015 WINTER - BACHELOR'S DEGREE PROGRAM - WOODSWORTH COLLEGE
SESSIONAL GPA: 4.00 ANNUAL GPA: 4.00 CUMULATIVE GPA: 3.79

STATUS: IN GOOD STANDING

CRS CODE TITLE	WGT	MRK	GRD	CRS	AVG
CSC320H1 Intro Visual Compt	0.50	90	A+	B+	
EEB202H1 Plants & Society	0.50		CR	B	
PEY200Y1 Pro Experience Year	0.00		CR		EXT

Credits earned: 1.00

2015 FALL - BACHELOR'S DEGREE PROGRAM - WOODSWORTH COLLEGE
SESSIONAL GPA: 4.00 CUMULATIVE GPA: 3.82

CRS CODE TITLE	WGT	MRK	GRD	CRS	AVG
CSC384H1 Intro Artif Intell	0.50	85	A	B	
CSC411H1 Machine Learning	0.50	94	A+	B	
CSC420H1 Intro Image Unstand	0.50	100	A+	B+	
CSC458H1 Computer Networks	0.50	97	A+	B	

Credits earned: 2.00

2016 WINTER - BACHELOR'S DEGREE PROGRAM - WOODSWORTH COLLEGE
SESSIONAL GPA: 4.00 ANNUAL GPA: 4.00 CUMULATIVE GPA: 3.84
STATUS: IN GOOD STANDING

CRS CODE TITLE	WGT	MRK	GRD	CRS	AVG
CSC321H1 Neural Networks	0.50	90	A+	B-	
CSC401H1 Natural Lang Compt	0.50	85	A	B-	
CSC412H1 Uncertainty & Learnng	0.50	94	A+	B+	

Credits earned: 1.50

Richard Levin
University Registrar

End of Transcript

University of Toronto Guide to Transcript

Effective September 1998

Grade Meanings	Undergraduate Grade Scale		Graduate Grade Scale		
	Refined Letter Grade Scale	Numerical Scale of Marks	Grade Point Value	Truncated Letter Grade Scale	Numerical Scale of Marks
Excellent	A+	90 - 100%	4.0	A+	90 - 100%
	A	85 - 89%	4.0	A	85 - 89%
	A-	80 - 84%	3.7	A-	80 - 84%
Good	B+	77 - 79%	3.3	B+	77 - 79%
	B	73 - 76%	3.0	B	73 - 76%
	B-	70 - 72%	2.7	B-	70 - 72%
Adequate	C+	67 - 69%	2.3		
	C	63 - 66%	2.0		
	C-	60 - 62%	1.7		
Marginal	D+	57 - 59%	1.3		
	D	53 - 56%	1.0		
	D-	50 - 52%	0.7		
Inadequate	F	0 - 49%	0.0	FZ	0 - 69%

Approved grade scales that are outside the standard system:

A passing mark in the Faculty of Dentistry, Faculty of Medicine, and the Faculty of Nursing is 60%. H (Honours), P (Pass), FL (Failure).

HH (High Honors), H (Honours), P (Pass), LP (Low Pass), F (Fail)

The Faculty of Law J.D. program used the following grade scale between Fall-1998 and Fall-2012:
A:80-100 (Excellent); B+:75-79 (Good); B:70-74 (Good); C+:65-69 (Adequate);
C:60-64 (Adequate); D:50-59 (Marginal); F:below 50 (Inadequate).

In cases where the FL grade is used in calculating grade point averages, the symbol FL% is used and a grade point value of 0.0 is assigned.

CR (Credit), NCR (No Credit).

In cases where the NCR grade is used in calculating grade point averages, the symbol NC% is used and a grade point value of 0.0 is assigned.

Other Symbols and Notations:

ADD Additional course, taken for credit. Included in grade point averages.

(note: the following symbols are not used in calculating grade point averages.)

AEG Aegrotat standing granted on the basis of term work and medical or similar evidence. Course credit granted.

DNW Did not write/did not attend/did little work.

EXT Extra course, not for credit.

GWR Grade withheld pending review.

INC Incomplete.

IPR In progress.

(IPR will also appear if the course has not yet started or the course has finished but an approved grade is not yet available.)

LWD Late withdrawal without academic penalty.

NGA No grade available.

SDF Standing deferred on the basis of incomplete course work because of medical or similar reasons.

WDR Withdrawn without academic penalty.

XMP Exemption granted on the basis of credit for work done elsewhere. Course credit granted.



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Candidacy Achieved

A student who has completed all program requirements for the PhD degree exclusive of thesis research will be considered a candidate in the School of Graduate Studies.

Averages Information:

The following types of averages may appear:

GPA Grade Point Average*

(*for CTEP programs, the GPA does not include performance in B.Ed. courses)

ACCA GPA on the Academic Activity Component of the Bachelor of Physical Health and Education

CICA GPA on the Curriculum and Instruction Component of the Bachelor of Education and Diploma in Technical Education

CTPA GPA on the Bachelor of Education Activity Component of the Concurrent Teacher Education Program

FNCA GPA on Foundations Component of the Bachelor of Education and Diploma in Technical Education

PACA GPA on the Physical Activity Component of the Bachelor of Physical and Health Education

PERS Percentage Average

ACCUM. AVG Accumulated Average

Awards Information:

Academic awards information is not listed on University of Toronto transcripts.

Academic Sessions:

Fall Session (September - December)

Winter Session (January - April)

Summer Session (May - August)

Course Credits:

A course with a weight of 1.00 equals 6 semester hours.

Course Average:

Course average is shown for undergraduate courses with a size of 12 or more and is expressed as a letter grade corresponding to the refined letter grade scale. The symbol "*" is used to indicate an undergraduate course with fewer than 12 students. A "blank" is used to indicate that a course average has not been calculated.

End of Guide





Surname: Chen Names: Bao Xin
Number:
Date of Birth:

Page 1 of 1

Date Printed: September 18, 2018

Mail To:
ATTN: Bao Xin Chen
Pickup

ISSUED TO STUDENT

*****YORK UNIVERSITY TRANSCRIPT BEGINS*****

Scholarships/Prizes/Awards

Fall 2016 Lassonde Graduate Entrance Scholarship
Summer 2017 Lassonde Graduate Entrance Scholarship

*****END OF TRANSCRIPT*****

Carol Altilia
University Registrar

THIS DOCUMENT CONTAINS SECURITY FEATURES. PLEASE SEE REVERSE FOR INSTRUCTIONS.



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Date of Birth:

Date Printed: September 18, 2018

Mail To:

ISSUED TO STUDENT

*****YORK UNIVERSITY TRANSCRIPT BEGINS*****

Scholarships/Awards/Prizes:

Fall 2016 Lassonde Graduate Entrance Scholarship

Summer 2017 Lassonde Graduate Entrance Scholarship

Admitted:

Fall 2016 Faculty Of Graduate Studies, M.Sc., Computer Science

Academic Session/Term: Fall 2016

Program Of Study: Faculty Of Graduate Studies, M.Sc., Computer Science

GS EECS 6117 A Distributed Computing

3.00 A-

E. Ruppert

GS EECS 6002 A Directed Reading

3.00 B+

M. Brubaker

Registration Status: Registered as Active

Academic Session/Term: Winter 2017

Program Of Study: Faculty Of Graduate Studies, M.Sc., Computer Science

GS EECS 5324 M Introduction to Robotics

3.00 A+

B. Ma

GS EECS 6340 M Embodied Intelligence

3.00 A

J. Tsotsos

Registration Status: Registered as Active

Academic Session/Term: Summer 2017

Program Of Study: Faculty Of Graduate Studies, M.Sc., Computer Science

Registration Status: Registered as Active

Academic Session/Term: Fall 2017

Program Of Study: Faculty Of Graduate Studies, M.Sc., Computer Science

GS EECS 6414 A Data Analytics and Visualization

3.00 A

E. Papangelis

Registration Status: Registered as Active

Academic Session/Term: Winter 2018

Program Of Study: Faculty Of Graduate Studies, M.Sc., Computer Science

Registration Status: Registered as Active

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Carol Altilia
University Registrar

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Chen, Bao Xin

Academic Session/Term: Summer 2018

Program Of Study: Faculty Of Graduate Studies, M.Sc., Computer Science

Registration Status: Registered as Active

Academic Session/Term: Fall 2018

Program Of Study: Faculty Of Graduate Studies, M.Sc., Computer Science

Registration Status: Registered as Active

ISSUED TO STUDENT

*****YORK UNIVERSITY TRANSCRIPT ENDS*****

Carol Altilia
University Registrar

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York University Transcript Legend

Under the statutes of the province of Ontario, Canada, York University was established as an accredited, degree-granting postsecondary institution and is a full member of the Association of Universities and Colleges of Canada.

Undergraduate		Graduate																							
Grading Scheme	Grade Description	Faculty of Graduate Studies and Osgoode Hall Law School	Schulich School of Business *																						
A+	Exceptional	A+ Exceptional	A+ 9																						
A	Excellent	A Excellent *	A 8																						
B+	Very Good	A- High	A- 7																						
B	Good	B+ Highly Satisfactory	B+ 6																						
C+	Competent	B Satisfactory	B 5																						
C	Fairly Competent	B Conditional	B- 4																						
D+	Passing	C Failure	C+ 3																						
D	Barely Passing	F	C 2																						
E	M marginally Failing	I Incomplete	C- 1																						
F	Failing	AU Audit	F 0																						
W	- Withdrew From Course	EX Exempt from course	P - Pass (courses taken on exchange)																						
		P Pass	I - Incomplete																						
		W Withdrawn from course	NCR No Credit Retained																						
Grade Qualifiers		* Formerly Faculty of Administrative Studies.																							
Credit Weight		* High - effective from 1981 to April 1988.																							
Half courses (3.0 credits) normally meet at least three hours weekly during the 12 weeks in either the fall or winter term, except for Osgoode Hall Law School which normally meets for 14 weeks of instruction plus an examination period. Summer and winter/summer session courses have equivalent total hour workloads but are concentrated into a shorter period of time.		As of the 1997-1998 academic year, York's course numbering system changed from .0 preceding the credit weight to following the credit weight (i.e. .03 to 3.0).																							
Class Size / Class Average		Class size indicates the number of students registered in a class. Class average is based upon the grades, including failures, received by all students taking the class on a graded basis and is determined as follows:																							
Faculty of Environmental Studies		SECURITY FEATURES IN THIS DOCUMENT																							
Grade Point Average Letter Grade		<table border="1"> <thead> <tr> <th>P</th> <th>Pass</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>Withdrawn</td> </tr> <tr> <td>U</td> <td>Unsatisfactory</td> </tr> <tr> <td>I</td> <td>Incomplete</td> </tr> <tr> <td>NR</td> <td>No Report from instructor</td> </tr> <tr> <td>X</td> <td>Exempt from course work</td> </tr> </tbody> </table>		P	Pass	W	Withdrawn	U	Unsatisfactory	I	Incomplete	NR	No Report from instructor	X	Exempt from course work										
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¹ The undergraduate portion of this transcript includes courses taken at York University only. Students are responsible for supplying copies of transcripts for work completed at other institutions.