



# Complete Academic History

Leon Chang Liang Yao

**Accurate as of:** Jan 5, 2022

This is not an official transcript.

## Registration History

2017 Fall-2021 Winter: Faculty of Arts and Science

Honours Bachelor of Science Conferred - June 2021 with High Distinction

Faculty of Arts and Science

Completed - 2021 Winter - SPECIALIST - COMPUTER SCIENCE

Completed - 2021 Winter - MAJOR - MATHEMATICS

**2018 Winter - Dean's List Scholar**

**2019 Winter - Dean's List Scholar**

**2020 Winter - Dean's List Scholar**

**2021 Winter - Dean's List Scholar**

Crs Code	Title	Wgt
CSC1***	Transfer Credit - Equivalent (BR=5)	0.50
	Advanced Placement Examination	
PHY1***	Transfer Credit - Equivalent 132 (BR=5)	0.50
	Advanced Placement Examination	

**Credits Earned: 1.00****2017 Fall - 1st Year Studies in Computer Science - Trinity College****Sessional GPA 4.00 Cumulative GPA 4.00**

Crs Code	Title	Wgt	Mrk	Grd	CrsAvg
CSC148H1	Intro to Comp Sci	0.50	89	A	B
CSC165H1	Math Expr&Rsng for Cs	0.50	89	A	B-
ECO101H1	Principles of Microeconomics	0.50		CR	C+
MAT137Y1	Calculus!	1.00		IPR	
PHL100Y1	Intro to Philosophy	1.00		IPR	
PHY131H1	Intro Physics I	0.50	88	A	B-

**Credits Earned: 2.00****2018 Winter - 1st Year Studies in Computer Science - Trinity College****Sessional GPA 3.74 Annual GPA 3.84 Cumulative GPA 3.84****Status: In good standing**

Crs Code	Title	Wgt	Mrk	Grd	CrsAvg
CSC207H1	Software Design	0.50	85	A	B+
CSC240H1	Enr Intro Theor Comp	0.50	74	B	B-
MAT137Y1	Calculus!	1.00	85	A	C
MAT223H1	Linear Algebra I	0.50	80	A-	C+
PHL100Y1	Intro to Philosophy	1.00		CR	C+

**Credits Earned: 3.50****2018 Fall - Bachelor's Degree Program - Trinity College****Sessional GPA 3.42 Cumulative GPA 3.68**

Crs Code	Title	Wgt	Mrk	Grd	CrsAvg
CSC209H1	Soft Tools & Sys Prog	0.50	83	A-	C+
CSC265H1	Enr Data Struct Anal	0.50	75	B	B
MAT224H1	Linear Algebra II	0.50	90	A+	C

MAT237Y1	Advanced Calculus	1.00		IPR	
MAT244H1	Ordinary Diff Equat	0.50	82	A-	B-
STA257H1	Probability & Stat I	0.50	72	B-	C

**Credits Earned: 2.50**

## 2019 Winter - Bachelor's Degree Program - Trinity College

**Sessional GPA 3.85 Annual GPA 3.65 Cumulative GPA 3.73**

**Status: In good standing**

Crs Code	Title	Wgt	Mrk	Grd	CrsAvg
CSC258H1	Computer Organizatn	0.50	80	A-	B
CSC373H1	Algo Design & Analysis	0.50	92	A+	B-
CSC384H1	Intro Artif Intell	0.50	85	A	B+
MAT237Y1	Advanced Calculus	1.00	81	A-	C+
MAT309H1	Intro Math Logic	0.50	88	A	C+

**Credits Earned: 3.00**

## 2019 Summer - Bachelor's Degree Program - Trinity College

**Sessional GPA 3.65 Cumulative GPA 3.72**

**Status: In good standing**

Crs Code	Title	Wgt	Mrk	Grd	CrsAvg
MAT327H1	Intro to Topology	0.50	77	B+	B-
MAT395H1	Independent Reading in Math	0.50	96	A+	*

**Credits Earned: 1.00**

## 2019 Fall - Bachelor's Degree Program - Trinity College

**Sessional GPA 3.57 Cumulative GPA 3.70**

Crs Code	Title	Wgt	Mrk	Grd	CrsAvg
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CSC311H1	Intro Machine Learning	0.50	83	A-	B+
CSC369H1	Operating Systems	0.50	73	B	B
MAT347Y1	Groups, Rings & Fields	1.00		IPR	
MAT354H1	Complex Analysis I	0.50	91	A+	B

**Credits Earned: 1.50**

## 2020 Winter - Bachelor's Degree Program - Trinity College

In the 2019-20 academic year, the University of Toronto was affected by the global COVID-19 pandemic. Instructional methods were modified and some students were graded on the University's approved Credit/No Credit scale for courses completed in Winter 2020. For more information, see: <http://www.transcripts.utoronto.ca/guide>

**Sessional GPA 3.25 Annual GPA 3.39 Cumulative GPA 3.64**

**Status: In good standing**

Crs Code	Title	Wgt	Mrk	Grd	CrsAvg
CSC412H1	Uncertainty & Learnng	0.50		CR	A-
CSC473H1	Adv Algorithm Design	0.50	90	A+	B+
MAT347Y1	Groups, Rings & Fields	1.00	74	B	B
MAT357H1	Real Analysis I	0.50	73	B	B+

**Credits Earned: 2.50**

## 2020 Fall - Bachelor's Degree Program - Trinity College

**Sessional GPA 3.83 Cumulative GPA 3.66**

Crs Code	Title	Wgt	Mrk	Grd	CrsAvg
CSC300H1	Computers & Society	0.50	90	A+	B+
CSC404H1	Intro to Video Game Design	0.50	78	B+	B+
CSC417H1	Physics-Based Animation	0.50	98	A+	B+
CSC419H1	Geometry Processing	0.50	89	A	A-

**Credits Earned: 2.00**

**2021 Winter - Bachelor's Degree Program - Trinity College****Sessional GPA 3.33 Annual GPA 3.61 Cumulative GPA 3.63****Status: In good standing**

Crs Code	Title	Wgt	Mrk	Grd	CrsAvg
CSC494H1	Project in CSC Implementing Discrepancy Minimization and Rounding Algorithm Supervised by A. Nikolov	0.50	85	A	
MAT367H1	Differential Geometry	0.50		CR	B+
MAT406H5	Mathematical Introduction to Game Theory	0.50	75	B	C+
PSL432H1	Theoretical Physiol	0.50	75	B	*

**Credits Earned: 2.00**

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## Graduate Unofficial Transcript

Name: Yao, Leon  
Student ID: 20718689  
Ontario Education Nbr: 722844297

### Beginning of Graduate Record

#### Fall 2021

Program: Computational Mathematics, MMath  
Attendance: Full-Time Term: 1.00 Status: Enrolment

Course		Description	Attempted	Earned	Grade
ACINTY	640	Academic Integrity Module	0.00	0.00	CR
Instructor:		Erin Nearing			
		Amanda McKenzie			
AMATH	642	Computational Methods for Partial Differential Equations	0.50	0.50	76
Instructor:		Sander Rhebergen			
CM	740	Fundamentals of Optimization	0.50	0.50	80
Instructor:		Chaitanya Swamy			
CM	770	Numerical Analysis	0.50	0.50	90
Instructor:		Hans De Sterck			
Term GPA		82.00			
Cumulative GPA		82.00			

#### Winter 2022

Program: Computational Mathematics, MMath, Co-op  
Attendance: Full-Time Term: 2.00 Status: Enrolment

Course		Description	Attempted	Earned	Grade
CM	730	Introduction to Symbolic Computation	0.50	0.50	64
Instructor:		Eugene Zima			
CM	750	Numerical Solution of Partial Differential Equations	0.50	0.50	82
Instructor:		Hans De Sterck			
CS	684	Computational Vision	0.50	0.50	74
Instructor:		Yuri Boykov			
GS	-	Continuing Graduate Studies	0.00	0.00	
Term GPA		73.33			
Cumulative GPA		77.67			

#### Spring 2022

Program: Computational Mathematics, MMath, Co-op  
Attendance: Part-Time Term: 2.50 Status: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	1G	Graduate Studies Co-operative Work Term 1	0.50	0.50	CR
Term GPA		0.00			
Cumulative GPA		77.67			

#### Fall 2022

Program: Computational Mathematics, MMath, Co-op  
Attendance: Part-Time Term: 3.00 Status: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	2G	Graduate Studies Co-operative Work Term 2			

#### Milestones

Program: Mathematics Master's  
Graduate Studies Co-op Work Report 1  
Status: In Progress

Master's Research Paper  
Status: In Progress

**Name:** Yao, Leon  
**Student ID:** 20718689  
**Ontario Education Nbr:** 722844297

**Graduate Unofficial Transcript**

**End of Graduate Unofficial Transcript**