Undergraduate Unofficial Transcript

Name: **Niu, Jackie Shuaiyi**
Student ID: **20886772**
Ontario Education Nbr: **759690191**

Degrees Awarded

Degree:	Bachelor of Applied Science
Confer Date:	06/02/2025
Degree Honours:	Distinction
	Mechatronics Engineering, Honours, Co-operative Program
	Computing Option

Beginning of Undergraduate Record

Fall 2020

Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 1A   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CHE	102	Chemistry for Engineers	0.50	0.50	84
MATH	115	Linear Algebra for Engineering	0.50	0.50	90
MATH	116	Calculus 1 for Engineering	0.50	0.50	97
MTE	100	Mechatronics Engineering	0.75	0.75	89
MTE	121	Digital Computation	0.50	0.50	90
			In GPA	Earned	
Term GPA		89.91 Term Totals	2.75	2.75	
Cumulative GPA		89.91 Cumulative Totals	2.75	2.75	

Academic Standing: Excellent Standing Effective 01/21/2021

Winter 2021

Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 1B   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
MATH	118	Calculus 2 for Engineering	0.50	0.50	95
MTE	111	Structure and Properties of Materials	0.50	0.50	89
MTE	119	Statics	0.50	0.50	81
MTE	120	Circuits	0.75	0.75	94
MTE	140	Algorithms and Data Structures	0.50	0.50	93
			In GPA	Earned	
Term GPA		90.73 Term Totals	2.75	2.75	
Cumulative GPA		90.32 Cumulative Totals	5.50	5.50	

Academic Standing: Excellent Standing Effective 05/19/2021

Spring 2021

Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 1B   Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	1	Co-operative Work Term	0.50	0.00	NCR
PD	19	Tactics for Workplace Success	0.50	0.50	CR
			In GPA	Earned	
Term GPA		0.00 Term Totals	1.00	0.50	
Cumulative GPA		90.32 Cumulative Totals	5.50	6.00	

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Fall 2021

Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 2A   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
BET	350	Customer Experience Design	0.50	0.50	91
MTE	201	Experimental Measurement & Statistical Analysis	0.50	0.50	86
MTE	202	Ordinary Differential Equations	0.50	0.50	65
MTE	219	Mechanics of Deformable Solids	0.50	0.50	57
MTE	262	Introduction to Microprocessors and Digital Logic	0.50	0.50	83
SYDE	182	Physics 2 (Dynamics)	0.50	0.50	93
			In GPA	Earned	
Term GPA		79.17 Term Totals	3.00	3.00	
Cumulative GPA		86.38 Cumulative Totals	8.50	9.00	

Academic Standing: Good Standing Effective 01/20/2022

Winter 2022

Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 2A   Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	2	Co-operative Work Term	0.50	0.00	CR
PD	20	Engineering Workplace Skills I: Developing Reasoned Conclusions	0.50	0.50	CR
			In GPA	Earned	
Term GPA		0.00 Term Totals	1.00	0.50	
Cumulative GPA		86.38 Cumulative Totals	8.50	9.50	

Spring 2022

Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 2B   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
MTE	203	Advanced Calculus	0.50	0.50	72
MTE	204	Numerical Methods	0.50	0.50	74
MTE	220	Sensors and Instrumentation	0.50	0.50	81
MTE	241	Introduction to Computer Structures & Real-Time Systems	0.50	0.50	80
SYDE	252	Linear Systems and Signals	0.50	0.50	57
WKRPT	100	Work-term Report	0.13	0.13	89
		Degree Requirement, Not in Average			
			In GPA	Earned	
Term GPA		72.80 Term Totals	2.63	2.63	
Cumulative GPA		83.30 Cumulative Totals	11.00	12.13	

Academic Standing: Good Standing Effective 09/13/2022

Fall 2022

Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 2B   Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	3	Co-operative Work Term	0.50	0.00	CR
PD	13	Research in the Workplace	0.50	0.50	CR
			In GPA	Earned	
Term GPA		0.00 Term Totals	1.00	0.50	
Cumulative GPA		83.30 Cumulative Totals	11.00	12.63	

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Winter 2023
Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 3A   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
MTE	309	Introduction to Thermodynamics and Heat Transfer	0.50	0.50	93
MTE	320	Actuators & Power Electronics	0.50	0.50	75
MTE	321	Design and Dynamics of Machines	0.50	0.50	82
MTE	325	Microprocessor Systems and Interfacing for Mechatronics Engineering	0.50	0.50	72
SYDE	351	Systems Models 1	0.50	0.50	74
WKRPT	200	Work-term Report	0.13	0.13	89
		Degree Requirement, Not in Average			

			In GPA	Earned	
Term GPA	79.20	Term Totals	2.63	2.63	
Cumulative GPA	82.54	Cumulative Totals	13.50	15.26	

Academic Standing: Good Standing Effective 05/19/2023

Spring 2023
Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 3A   Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	4	Co-operative Work Term	0.50	0.00	CR
PD	22	Professionalism and Ethics in Engineering Practice	0.50	0.50	CR

			In GPA	Earned	
Term GPA	0.00	Term Totals	1.00	0.50	
Cumulative GPA	82.54	Cumulative Totals	13.50	15.76	

Fall 2023
Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 3B   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
ME	351	Fluid Mechanics 1	0.50	0.50	85
MSCI	261	Engineering Economics: Financial Management for Engineers	0.50	0.50	86
MTE	322	Electromechanical Machine Design	0.50	0.50	70
MTE	360	Automatic Control Systems	0.50	0.50	86
MTE	380	Mechatronics Engineering Design Workshop	0.50	0.50	93
STV	100	Society, Technology and Values: Introduction	0.50	0.50	92
WKRPT	300	Work-term Report	0.13	0.13	75
		Degree Requirement, Not in Average			

			In GPA	Earned	
Term GPA	85.33	Term Totals	3.13	3.13	
Cumulative GPA	83.04	Cumulative Totals	16.50	18.89	

Academic Standing: Excellent Standing Effective 01/18/2024

Winter 2024
Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 3B   Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	5	Co-operative Work Term	0.50	0.00	CR
PD	8	Intercultural Skills	0.50	0.50	CR

			In GPA	Earned	
Term GPA	0.00	Term Totals	1.00	0.50	
Cumulative GPA	83.04	Cumulative Totals	16.50	19.39	

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Spring 2024

Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 3B   Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	6	Co-operative Work Term	0.50	0.00	CR
			In GPA	Earned	
Term GPA		0.00 Term Totals	0.50	0.00	
Cumulative GPA		83.04 Cumulative Totals	16.50	19.39	

Fall 2024

Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 4A   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
MTE	481	Mechatronics Engineering Design Project	0.50	0.50	87
MTE	484	Control Applications	0.50	0.50	93
SYDE	522	Foundations of Artificial Intelligence	0.50	0.50	94
SYDE	543	Cognitive Ergonomics	0.50	0.50	90
SYDE	577	Deep Learning	0.50	0.50	85
			In GPA	Earned	
Term GPA		89.80 Term Totals	2.50	2.50	
Cumulative GPA		83.93 Cumulative Totals	19.00	21.89	

Academic Standing: Excellent Standing Effective 01/21/2025
Term Honours: Term Distinction

Winter 2025

Program: Mechatronics Engineering, Honours, Co-operative Program
Level: 4B   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CLAS	104	Classical Mythology	0.50	0.50	97
CLAS	202	Love, Life, and Death in Rome	0.50	0.50	96
MSE	432	Production and Service Operations Management	0.50	0.50	82
MTE	482	Mechatronics Engineering Project	0.50	0.50	92
SYDE	542	Interface Design	0.50	0.50	95
			In GPA	Earned	
Term GPA		92.40 Term Totals	2.50	2.50	
Cumulative GPA		84.92 Cumulative Totals	21.50	24.39	

Academic Standing: Excellent Standing Effective 05/20/2025
Term Honours: Term Distinction

Milestones

Date Completed	Description	Status
12/31/2020	Undergraduate Communication Requirement	Completed
01/18/2021	Workplace Hazardous Materials Information System	Completed
04/30/2022	Work Term 2	Completed
12/31/2022	Work Term 3	Completed
04/30/2023	Work Report 2	Completed
08/31/2023	Work Term 4	Completed
12/31/2023	Work Report 3	Completed
04/30/2024	Work Term 5	Completed
08/31/2024	Work Term 6	Completed

Scholarships and Awards

2021   University of Waterloo President's Scholarship of Distinction

End of Undergraduate Unofficial Transcript

Western University Unofficial Transcript

Student Name: Jackie Shuaiyi Niu

Print Date: 2026/01/14

Beginning of Undergraduate Record

2025 Summer

Program: Faculty of Science
Plan: Special Undergraduate Student

Course		Description	Attempted	Earned	Grade
STATS	2858A	PROBABILITY & STATISTICS II	0.50	0.50	096

End of **Western University Unofficial Transcript**

Western University Unofficial Transcript

Student Name: Jackie Shuaiyi Niu

Print Date: 2026/01/14
Basis of Admission
(GMAN)   BASc University of Waterloo 2025

Beginning of Graduate Record

2025 Fall Graduate

Program: Data Analytics
Plan: Master of Data Analytics
                                            Artificial Intelligence

Course		Description	Attempted	Earned	Grade
COMPSCI	9159	DATABASES I	0.50	0.50	095
COMPSCI	9548	FOUNDATION OF MACHINE LEARNING	0.50	0.50	087
DATASCI	9000	INTRO TO MACHINE LEARNING	0.50	0.50	099
MDA	9159	STATISTICAL MODELLING I	0.50	0.50	096
MDA	9160	BUSINESS SKILLS FOR DATA SCI	0.50	0.50	088

2026 Winter Graduate

Program: Data Analytics
Plan: Master of Data Analytics
                                            Artificial Intelligence

Course		Description	Attempted	Earned	Grade
COMPSCI	9117	UNSTRUCTURED DATA	0.50	0.00	
COMPSCI	9170	SPECIAL TOPICS	0.50	0.00	
COMPSCI	9553	DEEP LEARNING IN COMPUTER VISI	0.50	0.00	
MDA	9144	DATA ANALYTICS CONSULTING	0.50	0.00	
PHILOSOP	9925	READING COURSE	0.50	0.00	
STATS	9155	GENERALISED LINEAR MODELS	0.50	0.00	

Non-Course Milestones

SGPS Academic Integrity Module
Status: Completed
Program: Data Analytics

Career Development Series
Status: Not Completed
Program: Data Analytics

Experiential Learning Opportunity
Status: Not Completed
Program: Data Analytics

Scholarships and Grants

2025   Vector Scholarship in Artificial Intelligence (VSAI)
2026   Vector Scholarship in Artificial Intelligence (VSAI)

End of **Western University Unofficial Transcript**