University of Waterloo 200 University Ave. West Waterloo Ontario Canada N2L3G1

Graduate Unofficial Transcript

Name: Mukherjee, Marty

Student ID: 20701375

Ontario Education Nbr: 150573236

Degrees Awarded

Degree: **Bachelor of Mathematics**

Confer Date: 06/06/2022 Degree Honours: Distinction

Applied Mathematics with Scientific Computing, Honours, Co-operative

Program Statistics Minor

Beginning of Graduate Record

Fall 2022

Program: Applied Mathematics, Doctor of Philosophy

Attendance: Full-Time Term: 1.00 Status: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ACINTY	640	Academic Integrity Module	0.00	0.00	CR
Instructor:		Amanda McKenzie			
AMATH	731	Applied Functional Analysis	0.50	0.50	95
Instructor:		Giang Tran			
CS	885	Advanced Topics in Computational Statistics	0.50	0.50	98
Course Topic:		Reinforcement Learning			
Instructor:		Pascal Poupart			
GS	-	Continuing Graduate Studies	0.00	0.00	
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Term GPA 96.50 Cumulative GPA 96.50

Winter 2023

Program: Applied Mathematics, Doctor of Philosophy

Attendance: Full-Time Term: 2.00 Status: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
AMATH	741	Numerical Solution of Partial Differential Equations	0.50	0.50	98
Instructor:		Hans De Sterck			
AMATH	753	Advanced Partial Differential Equations	0.50	0.50	83
Instructor:		Kevin Lamb			
GS	-	Continuing Graduate Studies	0.00	0.00	
Term GPA		90.50			

Term GPA Cumulative GPA 93.50

Spring 2023

Program: Applied Mathematics, Doctor of Philosophy

Attendance: Full-Time Term: 3.00 Status: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
AMATH	900	Topics in Applied Mathematics	0.50	0.50	98
Course Topic:		Stochastic Optimal Control			
Instructor:		Jun Liu			
ECE	780	Special Topics in Control	0.00	0.00	AUD
Course Topic:		Model Predictive Control			
Instructor:		Yash Pant			
GS	-	Continuing Graduate Studies	0.00	0.00	

Term GPA 98.00 Cumulative GPA 94.40 University of Waterloo 200 University Ave. West Waterloo Ontario Canada N2L3G1

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Name: Mukherjee, Marty

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Fall 2023

Program: Applied Mathematics, Doctor of Philosophy

Attendance: Full-Time Term: 4.00 Status: Enrolment

CourseDescriptionAttemptedEarnedGradeAMATH900Topics in Applied Mathematics0.500.5097

Course Topic: Applications of Deep Learning

Instructor: Mohammad Kohandel

GS - Continuing Graduate Studies 0.00 0.00

Term GPA 97.00 Cumulative GPA 94.83

Winter 2024

Program: Applied Mathematics, Doctor of Philosophy

Attendance: Full-Time Term: 5.00 Status: Enrolment

<u>Course</u> <u>Description</u> <u>Attempted</u> <u>Earned</u> <u>Grade</u>

CS 886 Advanced Topics in Artificial Intelligence

Course Topic: Diffusion Generative Models

Instructor: Yaoliang Yu

GS - Continuing Graduate Studies

Milestones

Program: Mathematics Doctoral 3yr PhD Lecturing Requirement

Status: In Progress

PhD Comprehensive Examination

Status: In Progress

PhD Thesis

Status: In Progress

PhD Thesis Submission

Status: In Progress

End of Graduate Unofficial Transcript