

Record of: Ying Liu  
ID: 818636911



GEORGETOWN UNIVERSITY  
OFFICE OF THE UNIVERSITY REGISTRAR  
WASHINGTON, D.C. 20057  
(202)687-4020

Send To: Ying Liu  
Parchment DocumentID: TW8CR65I

Date of Birth: 14-Dec-\*\*\*\*

Course Level: MN or MC Graduate

Other Colleges Attended:

Shanghai Internat'l Studies Un  
Shanghai

CALIF ST UNIV LONG BEACH  
LONG BEACH CA

Degrees Awarded:

Master of Science May 20, 2022  
Graduate School  
Major: Data Science & Analytics  
Degree GPA: 4.000

Entering Program:

Graduate School  
Master of Science  
Major: Data Science & Analytics

Subj	Crs	Title	Crd	Grd	Pts	R
----- Fall 2020 -----						
ANLY	501	Introduction to Data Analytics	3.00	A	12.00	
ANLY	511	Prob Modeling/Stat Computing	3.00	A	12.00	
ANLY	555	Data Strctrs, Objects, Algrthms	3.00	A	12.00	
Subj	Crs	Title	Crd	Grd	Pts	R
----- Spring 2021 -----						
ANLY	502	Massive Data Fundamentals	3.00	A	12.00	
ANLY	512	Statistical Learning for ANLY	3.00	A	12.00	
Subj	Crs	Title	Crd	Grd	Pts	R
----- Summer 2021 -----						
ANLY	503	Analytical Data Visualization	3.00	A	12.00	
Subj	Crs	Title	Crd	Grd	Pts	R
----- Fall 2021 -----						
ANLY	590	Neural Nets and Deep Learning	3.00	A	12.00	
ANLY	605	Machine Learning AppDeployment	3.00	A	12.00	
ANLY	640	Database Systems and SQL	3.00	A	12.00	
Subj	Crs	Title	Crd	Grd	Pts	R
----- Spring 2022 -----						
ANLY	521	Computational Ling Adv Python	3.00	A	12.00	

----- Transcript Totals -----				
	EHrs	QHrs	QPts	GPA
Current	3.00	3.00	12.00	4.000
Cumulative	30.00	30.00	120.00	4.000
----- End of MN or MC Graduate Record -----				

In accordance with the Family Educational and Privacy Act of 1974, this transcript is released to you at the request of the student with the condition it will not be available to any other party without the written consent of the student. Alteration of this transcript may be a criminal offense.

This officially signed transcript is printed on blue security paper with the name of the institution printed in white type across the face of the document. A raised seal is not required. When photocopied, the words UNOFFICIAL COPY appears. In addition the university seal appears as an artificial watermark on the back. A BLACK ON WHITE OR COLOR COPY SHOULD NOT BE ACCEPTED. OFFICIAL SIGNATURE IS IN BLUE.



*Annamarie Bianco*  
Annamarie Bianco  
Associate Vice President and University Registrar

**GEORGETOWN UNIVERSITY**  
**EXPLANATION OF GRADING SYSTEM**  
Effective Fall 1993

Undergraduate Grading System			Graduate Grading System		
Grade	Quality Points	Description	Grade	Quality Points	Description
A	4.00	Superior	A	4.00	
A-	3.67		A-	3.67	
B+	3.33		B+	3.33	
B	3.00	Good	B	3.00	
B-	2.67		B-	2.67	
C+	2.33		C	2.00	
C	2.00	Average	F	0.00	
C-	1.67		I		*Incomplete
D+	1.33		W		*Withdrawal
D	1.00	Minimum Passing	S		*Satisfactory
F	0.00	Failure	U		*Unsatisfactory
W		*Withdrawal	NC		*No Credit/Unsatisfactory
S		*Satisfactory (A,B,C)	AU		*Audit
CR		*Credit (C-,D,D+)	IP		*In Progress
U		*Unsatisfactory	NR		*Grades not yet reported
NC		*No Credit/Unsatisfactory			
AU		*Audit			
IP		*In Progress			
NR		*Grades not yet reported			
N		*Incomplete (a temporary grade which must be resolved within a specified time)			

\*Not included in the quality hours or Q.P.I.  
Grades for courses taken in overseas study programs are recorded as given at the host institution.  
"CBL": indicator of Community Based Learning component

In Fall 2009, the McDonough School of Business enacted a grading policy using a recommended rubric for all courses taken in business disciplines. Effective Spring 2019 the policy was changed. The details of the policy can be found in the Undergraduate and Graduate Bulletins, respectively (<https://registrar.georgetown.edu/bulletins>)

September 1962 - August 1993				June 1968 - August 1993			
Undergraduate Grading System				Graduate Grading System			
A	SUPERIOR	F	FAILURE	AU	AUDIT	U	*UNSATISFACTORY
B	GOOD	W	WITHDRAWAL	IP	IN PROGRESS	AU	*AUDIT
C	AVERAGE	S	*SATISFACTORY (A,B,C)	NR	NO GRADE REPORTED	IP	*IN PROGRESS
D	PASSING	U	*UNSATISFACTORY			NR	*NO GRADE REPORTED

E in column headed "R" indicates course excluded from Earned Hours and GPA  
I in column headed "R" indicates course excluded from Earned Hours only  
\* NOT INCLUDED IN THE QUALITY HOURS, OR QPI/GPA