77 Massachusetts Avenue Cambridge, Massachusetts 02139–4307

Phone 617–253-4784
Fax 617–253-7459
http://web.mit.edu/registrar

How to Authenticate This Official Transcript From the Massachusetts Institute of Technology

This official transcript has been transmitted electronically to the recipient, and is intended solely for use by that recipient. If you are not the intended recipient, please notify the MIT Registrar's Office. It is not permissible to replicate this document or forward it to any person or organization other than the identified recipient. Release of this record or disclosure of its contents to any third party without written consent of the record owner is prohibited.

This official transcript has been digitally signed and therefore contains special characteristics. If this document has been issued by MIT, and this document is viewed using Adobe® Acrobat version 6.0 or greater, or Adobe® Reader version 6.04 or greater, it will reveal a digital certificate that has been applied to the transcript. This digital certificate will appear in a pop-up screen or status bar on the document, display a blue ribbon, and declare that the document was certified by MIT with a valid certificate issued by GeoTrust CA for Adobe®. This document certification can be validated by clicking on the Signature Properties of the document.



The blue ribbon symbol is your assurance that the digital certificate is valid, the document is authentic, and the contents of the transcript have not been altered.



If the transcript does not display a valid certification and signature message, reject this transcript immediately. An invalid digital certificate display means either the digital signature is not authentic, or the document has been altered. The digital signature can also be revoked by the transcript office if there is cause, and digital signatures can expire. A document with an invalid digital signature display should be rejected.



Lastly, one other possible message, Author Unknown, can have two possible meanings: The certificate is a self-signed certificate or has been issued by an unknown or untrusted certificate authority and therefore has not been trusted, or the revocation check could not complete. If you receive this message make sure you are properly connected to the internet. If you have a connection and you still cannot validate the digital certificate on-line, reject this document.

The transcript key and guide to transcript evaluation is the last page of this document.

The current version of Adobe® Reader is free of charge, and available for immediate download at http://www.adobe.com.

If you require further information regarding the authenticity of this transcript, you may email or call the MIT Registrar's Office at records@mit.edu or 617-253-2658.



Songhao Li

MIT ID: 925 322 960

Admitted as a Regular Student for Summer Term 2020

Program/Degree Objective as of Current Term: Management (Master of Finance)/Master's

Subject	Subject Name	Lv1	Cred	Grade		
SUMMER T	ERM 2020 COURSE: 15 F5	(GRADUATI	STUDENT		
Sig	gnificant disruption in effect due	to Co	ronavir	us COVID-	CHUC	
	pandemic		//.	S 2 -	E. Y.	
	Foundations of Modern Finance	G	15	Α		
15.455	Adv Math for Fin Engineering	G	6	Α	11.0	
15.516	Corp Financial Accounting * * *	G	12	A		
FALL TER	RM 2020-2021 COURSE: 15 F5	*	GRADUATI	E STUDENT		
-	pnificant disruption in effect due pandemic	to Co	ronavir	us COVID-		
6.036	Intro to Machine Learning	N	12	В		
15.425	Corporate Finance	G	9	PE		
15.433	Financial Markets	G	9	Α		
15.451	Prosem: Captl Mkts/Invest Mgt	G	6	С		
15.456	Financial Engineering	G	9	Α		
15.S22	Special Seminar in Management	G	6	Р		
	* * *	O ځ ۱				
JANUARY	TERM 2020-2021 COURSE: 15 F5	1	RADUATI	E STUDENT		
Sig	gnificant disruption in effect due	to Co	ronavir	us COVID-		
19	pandemic					
	* * *					
	TERM 2020-2021 COURSE: 15 F5			E STUDENT	OF THU	
	gnificant disruption in effect due	to Co	ronavir	us COVID-	OF I E	
	pandemic		10			
6.006	Introduction to Algorithms	N	12	A		
15.239	China's Growth	G	6	A	05570744 7544005757	TOOLIED 00 1112
15.438	Fixed Income Sec & Derivatives	G	9	A	OFFICIAL TRANSCRIPT:	ISSUED 23-AUG-2
15.453	Finance Lab	G	9	A	Order #: AVOW:35865371	Page 1 of
15.457	Advanced Analytics of Finance	G	12	A		
15.467	Asset Management	G	9	Α		
	* * *					
	**********		*****	*****	Toronal An	
	e Cumulative GPA: 4.8 (on a 5.0 s				Issued to	
*****	***********	****	*****	*****	Constant	
	END OF RECORD				Songhao Li	

Unofficial without signature Brian E. Canavan, Registrar



-- No Entries Valid Below This Line --

Authentication of Transcript

This official transcript is available in electronic or paper versions. The e-transcript is authenticated using secure Portable Document Format technology developed by Adobe. The paper version is printed on security paper, does not require a raised seal, and bears the date issued and the facsimile signature of the Registrar. The document will stain when touched by chemicals. The back of the paper document contains a watermark, hold at an angle to view. A black and white document is not an original and should not be accepted as official.

Academic Terms, Student Classification, and Courses

MIT's academic calendar has fifteen-week Fall and Spring Terms including exams, a ten-week Summer Term, and a four-week January Term.

Classification: Undergraduate students (Freshman, Sophomore, Junior, Senior) and Graduate students are matriculated in MIT degree programs; Special students, Exchange students, and Cross-registered students are not. Non-resident graduate students are working on doctoral thesis away from MIT.

Course: The student's Course (degree program) begins with a department or program code as listed below, followed by an option within the department. Undergraduate program options can indicate specialty area. Option codes used in graduate programs starting in Fall 1994 include: M, P, or A, Master's; D, Doctoral; CT, Transportation; RE, Real Estate Development; W, Joint with Woods Hole Oceanographic Institution. Freshmen are not permitted to register in a department. Transfer students generally enter as Sophomores.

Subject, Level, and Credit

Subject: Consists of a department or program code (see list below) followed by a period and a number. Level (LvI): Subjects included in undergraduate cumulative record: **U**. Subjects included in graduate cumulative record: subject approved for (higher) graduate degree credit: **H** (through Summer 2015); other subject accepted for graduate degree credit: G; subject in graduate program but not accepted for graduate degree credit: N. Credit: A credit unit represents one hour of class (lecture/recitation), laboratory/design/fieldwork, or preparation per week for fourteen weeks. Three MIT credit units = one Semester Hour.

Explanation of Grades since 1980

- Exceptionally good performance, demonstrating a superior understanding of the subject matter, a foundation of extensive knowledge, and a skillful use of concepts and/or materials.
- Good performance, demonstrating capacity to use the appropriate concepts, a good understanding of the subject matter, and an ability to handle the problems and materials encountered in the subject.
- Adequate performance, demonstrating an adequate understanding of the subject matter, an ability to handle relatively simple problems, and adequate preparation for moving on to more advanced work in the field.
- Minimally acceptable performance, demonstrating at least partial familiarity with the subject matter and some capacity to deal with relatively simple problems, but also demonstrating deficiencies serious enough to make it inadvisable to proceed further in the field without additional work.
- Failed
- J Satisfactory progress that term. U Progress not satisfactory that term. Final grade in same subject in a later term also covers this term (e.g., J/B
- Prior to Fall 1990: reflects performance at any of the levels A, B, C, or D. Fall 1990 through Summer 1992: for first-year undergraduates reflects performance at any of the levels A, B, or C; for other than freshmen reflects performance at any of the levels A, B, C, or D. Fall 1992 and after: reflects performance at any of the levels A, B, or C, with students graded on a
- Incomplete. When work completed, final grade follows I (e.g., I/B).
- Absent from the final examination, did not turn in the final paper or project, and/or was absent during the last two weeks of the term. Equivalent to a
- OX Absence satisfactorily explained and excused. When work is completed final grade replaces the OX.
- Satisfactorily completed doctoral thesis. SA Credit awarded for work done elsewhere.
- URN Subject in Undergraduate Research Opportunities Program taken for pay or as a volunteer rather than academic credit (the one unit shown does not count for degree credit).
- VIS Research subject taken as a non-degree visiting student.
- Grade ending in & indicates Advanced Standing Exam (not included in GPA)
- Grade ending in # indicates ROTC (not included in degree credit; not included in GPA after Summer 1994).
- MG Indicates grade not submitted by instructor. Indicates subject "in progress" in current term.
- PΕ Reflects performance at any of the levels A, B, or C, under an emergency
- ΙE Incomplete. Indicates a portion of the subject requirements has not been fulfilled, due to a major disruption of academic activities. When work completed, final grade follows (e.g., IE/B).

Freshman Grading

Prior to Fall 1990: Freshmen graded on P/F basis with F grade not recorded on transcript. Fall 1990 to Summer 2002: Freshmen graded on P/D/F basis with non passing D and F grades not recorded on transcript. Fall 2002 and after: Freshmen graded in their second semester on A/B/C/D/F basis with non-passing D and F grades not recorded on transcript.

Cumulative Grade Point Averages

Calculated on a 5.0 scale with A = 5, B = 4, C = 3, D = 2, F and O = 0. P, PE, SA, S, URN, MG, and IP, as well as non-passing grades in Freshman year, not included in GPA. J, U, I, IE, and OX grades not included in GPA until completed. Undergraduate Cumulative GPA includes subjects at Level U and Graduate Cumulative GPA includes subjects at Level H, G, and N, and up to a maximum of 24 units of thesis.

Department and Program Codes since 1980

- Civil and Environmental Engineering (Civil Engineering prior to Fall 1992)
- Mechanical Engineering
- Materials Science and Engineering
- 4 Architecture 5 Chemistry
- 6 Electrical Engineering and Computer Science
- Biology
- 8 Physics
- 9 Brain and Cognitive Sciences (Psychology prior to Fall 1986)
- 10 Chemical Engineering
- Urban Studies and Planning 11
- 12 Earth, Atmospheric, and Planetary Sciences (Earth and Planetary Sciences prior to Fall 1984)
- 13 Ocean Engineering (through Spring 2007)
- 14 **Economics**
- 15 Management
- Aeronautics and Astronautics 16
- 17 Political Science
- 18 Mathematics
- 19 Meteorology and Physical Oceanography (through Summer 1983)
 - (Meteorology through Summer 1980)
- Biological Engineering (Applied Biological Sciences through Summer 2003) 20
 - (Nutrition and Food Science prior to Fall 1985)
- 21 Humanities
- 21A Anthropology (Anthropology/Archaeology from Summer 1989 through
- 21F Foreign Languages and Literatures (through Summer 2015)
- Global Languages (Global Studies and Languages through Summer 2020) 21G
- 21H History Literature 21L
- 21M Music and Theater Arts
- Writing and Humanistic Studies (Writing from Summer 1989 through 21W
 - Summer 1991)
- 22 Nuclear Science and Engineering (Nuclear Engineering through Spring 2005)
- Linguistics and Philosophy 24
- 25 BE
- Eniglistics and Fillosophry
 Interdisciplinary Science (to Spring 1983)
 Biological Engineering (through Summer 2006) (**BEH** Bioengineering and
 Environmental Health from Fall 1998 through Summer 2002; **TOX**Toxicology from Spring 1989 through Summer 1998)
- CDO Computation for Design and Optimization (through Summer 2020) CMS Comparative Media Studies
- CSB Computational and Systems Biology
- CSE Computational Science and Engineering
- Engineering Management EΜ **ESD** Engineering Systems Division
- Health Policy and Management (1983-1990) **HPM**
- Harvard-MIT Division of Health Sciences and Technology **HST**
- IDS Institute for Data, Systems, and Society
- MAS Media Arts and Sciences OR Operations Research
- PEP
- Professional Education Programs (ASP Advanced Study Program through Summer 2006; CAES Center for Advanced Educational Services from Spring 1996 through Summer 2003; EN Center for Advanced Engineering
 - Study prior to 1995)
- Real Estate Development RED
- Supply Chain Management SCM SDM
- System Design and Management (through Summer 2010) STS
- Science, Technology, and Society **TPP**
- Technology and Policy Program (through Summer 1999) UND Undesignated Sophomore (not yet declared Course)

Used for subjects only: SEM Undergraduate Seminar; CTS Center for Transportation Studies; CC Concourse; ES Experimental Study Group; SP Special Programs; AS/MS/NS ROTC; SRE Division for Study and Research in Education; EC Edgerton Center; WGS Women's & Gender Studies. Subjects taken under a Cross-registration arrangement begin with the following school codes: BU Boston U; HA Harvard U; MC Mass College of Art and Design; SM School of Museum of Fine Arts; TU Tufts U; W

Privacy

In accordance with the Family Educational Rights and Policy Act of 1974, as amended, information on this transcript may not be released to or accessed by any other party without the prior written consent of the student concerned. For questions please contact the MIT Registrar's Office, (617) 253-2658. Revised October 2020

Unofficial Copy. NOT to be used as certificate of academic results. Grades may be subject to amendment.

Name: LI, Songhao Chinese Name: 李松浩 Gender: Male

Student ID No.: 116020123 ID/Passport No.: 362301199710190011 Date of Birth: 19 Oct 1997

Admitted in: Sep 2016

College: Diligentia College

School: School of Management and Economics

Major/Programme: Economics

Stream: Applied Economics

Mode of Study: Full-time

Degree/Diploma: Bachelor of Business Administration

Conferred in: Nov 2020

2016-17 Term 1

Course Code	Course Title	Units	Grade	% of A- and above
MGT2054	Reading for Excellence for Economics and Finance 5	1.0	A-	30.0
ITE1000	Information Technology	1.0	B+	29.7
ENG1001	Academic English 1	3.0	A-	23.3
PED1001	PE	1.0	A-	22.1
ECO2011	Basic Microeconomics	3.0	A-	29.0
ACT2111	Introductory Financial Accounting	3.0	A-	30.1
MAT1010	Applied Calculus and Linear Algebra	3.0	Α	26.2

Units Passed = 15.0 Term GPA = 3.733

2016-17 Term 2

Course Code	Course Title	Units	Grade	% of A- and above
ENG1002	English for Academic Purposes (I)	3.0	A-	23.7
STA2001	Probability and Statistics I	3.0	Α	30.4
ECO2021	Basic Macroeconomics	3.0	B+	29.5
GFH1000	In Dialogue With Humanity	3.0	A-	30.2
MGT2020	Principles of Management	3.0	Α	30.3
FIN2010	Financial Management	3.0	Α	29.8

Units Passed = 18.0 Term GPA = 3.783

Honour(s)/Award(s): Dean's List 2016-17

2017-18 Term 1

Course Code	Course Title	Units	Grade	% of A- and above
CHI1000	Chinese	3.0	A-	39.4
ENG2001	English for Academic Purposes II	3.0	B+	29.2
MKT2010	Marketing Management	3.0	Α	29.4
GFN1000	In Dialogue With Nature	3.0	A-	37.9
MAT3010	Calculus for Economic Analysis II	3.0	A-	27.3

Units Passed = 15.0 Term GPA = 3.680

2017-18 Term 2

Course Code Course Title Units Grade % of A- and above DMS2030 Operations Management 3.0 A 41.4

The maximum GPA attainable is 4.000 Issue Date: 15 Jul 2020 Page 1 of 3

Unofficial Copy. NOT to be used as certificate of academic results. Grades may be subject to amendment.

Name: LI, Songhao	Chinese Name:	李松浩	Gender: Male
-------------------	---------------	-----	--------------

Student ID No.: 116020123 ID/Passport No.: 362301199710190011 Date of Birth: 19 Oct 1997

201	17- 1	18	Term	2
-----	--------------	----	------	---

ECO3011	Intermediate Microeconomic Theory	3.0	Α	24.6
ECO3121	Introductory Econometrics	3.0	Α	32.8
ENG2002B	English for Business Communication	3.0	A-	28.9
GEA2000	Modern Chinese History and Culture	3.0	Α	37.0
PED1002	Fitness and Health	1.0	A-	28.0
MAT2040	Linear Algebra	3.0	Α	30.6

Units Passed = 19.0 Term GPA = 3.937

Honour(s)/Award(s): Dean's List 2017-18

2018-19 Term 1

Courses taken at University of Oxford, United Kingdom accepted for transfer as equivalent to 10.0 CUHK(SZ) units

2018-19 Term 2

Courses taken at University of Oxford, United Kingdom accepted for transfer as equivalent to 17.0 CUHK(SZ) units

2018-19 Summer Session

Course Code	Course Title	Units	Grade	% of A- and above
DMS3005	Python in Business and Economics	3.0	Α	36.4
FIN3380	Introduction to Financial Data Analysis	3.0	Α	47.1
		Units Pas	sed = 6.0	Term GPA = 4.000

2019-20 Term 1

Course Code	Course Title	Units	Grade	% of A- and above
MAT3007	Optimization	3.0	A-	31.5
STA4030	Categorical Data Analysis	3.0	B+	35.8
GEC2102	China Sport: a Modern and Contemporary History	3.0	Α	32.1

Units Passed = 9.0 Term GPA = 3.667

2019-20 Term 2

Course Code	Course Title	Units	Grade	% of A- and above
ACT4253	Business Ethics and Corporate Social Responsibility	3.0	A-	36.4
ECO4901	Guided Study in Current Economic Problems	3.0	Α	33.9
DMS2051	IT in Business Applications	3.0	A-	N/A
CSC3002	Introduction to Computer Science: Programming Paradigms	3.0	Р	N/A
GED2201	Gods and Humans——Greek Myths and Ethics	3.0	Р	N/A
GEB2004	Technology and Ethics	3.0	Р	N/A

Issue Date: 15 Jul 2020

Units Passed = 18.0 Term GPA = 3.800

Unofficial Copy. NOT to be used as certificate of academic results. Grades may be subject to amendment.

Name: LI, Songhao Chinese Name: 李松浩 Gender: Male

Student ID No.: 116020123 ID/Passport No.: 362301199710190011 Date of Birth: 19 Oct 1997

Total Units Passed Cumulative GPA Major GPA CUHK(SZ) 100.0 3.795/4.000 3.800/4.000

Unit Exemption 33.0 - -

Remarks:

Attended University of Oxford, United Kingdom as visiting student in Term 1, 2018-19 in partial fulfillment of the requirements of this degree. A complete academic record of this degree programme should include the academic transcript from the visiting university to be provided separately by the student.

Attended University of Oxford, United Kingdom as visiting student in Term 2, 2018-19 in partial fulfillment of the requirements of this degree. A complete academic record of this degree programme should include the academic transcript from the visiting university to be provided separately by the student.

6.0 units of course(s) taken at another university recognized as equivalent.

Major GPA is the grade point average across a list of Major courses defined by the School Board, as being most relevant to the student's Major.

Issue Date: 15 Jul 2020