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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	Lvl	Cred	Grade
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SUMMER TERM 2020	COURSE: 15 F5	GRADUATE STUDENT		
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Significant disruption in effect due to Coronavirus COVID-19 pandemic

15.415	Foundations of Modern Finance	G	15	A
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15.455	Adv Math for Fin Engineering	G	6	A
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15.516	Corp Financial Accounting	G	12	A
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FALL TERM 2020-2021	COURSE: 15 F5	GRADUATE STUDENT		
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Significant disruption in effect due to Coronavirus COVID-19 pandemic

6.036	Intro to Machine Learning	N	12	B
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15.425	Corporate Finance	G	9	PE
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15.433	Financial Markets	G	9	A
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15.451	Prosem: Captl Mkts/Invest Mgt	G	6	C
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15.456	Financial Engineering	G	9	A
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15.522	Special Seminar in Management	G	6	P
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JANUARY TERM 2020-2021	COURSE: 15 F5	GRADUATE STUDENT		
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Significant disruption in effect due to Coronavirus COVID-19 pandemic

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SPRING TERM 2020-2021	COURSE: 15 F5	GRADUATE STUDENT		
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Significant disruption in effect due to Coronavirus COVID-19 pandemic

6.006	Introduction to Algorithms	N	12	A
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15.239	China's Growth	G	6	A
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15.438	Fixed Income Sec & Derivatives	G	9	A
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15.453	Finance Lab	G	9	A
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15.457	Advanced Analytics of Finance	G	12	A
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15.467	Asset Management	G	9	A
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Graduate Cumulative GPA: 4.8 (on a 5.0 scale)

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OFFICIAL TRANSCRIPT:

Order #: AVOW:35865371

ISSUED 23-AUG-2021

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Issued to

Songhao Li

Unofficial without signature  
Brian E. Canavan, Registrar

## 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 (Lvl):** 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

<b>A</b>	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.
<b>B</b>	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.
<b>C</b>	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.
<b>D</b>	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.
<b>F</b>	Failed.
<b>J,U</b>	<b>J</b> Satisfactory progress that term. <b>U</b> Progress not satisfactory that term. Final grade in same subject in a later term also covers this term (e.g., J/B or U/A).
<b>P</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 P/D/F basis.
<b>I</b>	Incomplete. When work completed, final grade follows I (e.g., I/B).
<b>O</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 grade of F.
<b>OX</b>	Absence satisfactorily explained and excused. When work is completed final grade replaces the OX.
<b>SA</b>	Satisfactorily completed doctoral thesis.
<b>S</b>	Credit awarded for work done elsewhere.
<b>URN</b>	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).
<b>VIS</b>	Research subject taken as a non-degree visiting student.
<b>&amp;</b>	Grade ending in & indicates Advanced Standing Exam (not included in GPA).
<b>#</b>	Grade ending in # indicates ROTC (not included in degree credit; not included in GPA after Summer 1994).
<b>MG</b>	Indicates grade not submitted by instructor.
<b>IP</b>	Indicates subject "in progress" in current term.
<b>PE</b>	Reflects performance at any of the levels A, B, or C, under an emergency disruption.
<b>IE</b>	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

<b>1</b>	Civil and Environmental Engineering (Civil Engineering prior to Fall 1992)
<b>2</b>	Mechanical Engineering
<b>3</b>	Materials Science and Engineering
<b>4</b>	Architecture
<b>5</b>	Chemistry
<b>6</b>	Electrical Engineering and Computer Science
<b>7</b>	Biology
<b>8</b>	Physics
<b>9</b>	Brain and Cognitive Sciences (Psychology prior to Fall 1986)
<b>10</b>	Chemical Engineering
<b>11</b>	Urban Studies and Planning
<b>12</b>	Earth, Atmospheric, and Planetary Sciences (Earth and Planetary Sciences prior to Fall 1984)
<b>13</b>	Ocean Engineering (through Spring 2007)
<b>14</b>	Economics
<b>15</b>	Management
<b>16</b>	Aeronautics and Astronautics
<b>17</b>	Political Science
<b>18</b>	Mathematics
<b>19</b>	Meteorology and Physical Oceanography (through Summer 1983) (Meteorology through Summer 1980)
<b>20</b>	Biological Engineering (Applied Biological Sciences through Summer 2003) (Nutrition and Food Science prior to Fall 1985)
<b>21</b>	Humanities
<b>21A</b>	Anthropology (Anthropology/Archaeology from Summer 1989 through Summer 1996)
<b>21F</b>	Foreign Languages and Literatures (through Summer 2015)
<b>21G</b>	Global Languages (Global Studies and Languages through Summer 2020)
<b>21H</b>	History
<b>21L</b>	Literature
<b>21M</b>	Music and Theater Arts
<b>21W</b>	Writing and Humanistic Studies (Writing from Summer 1989 through Summer 1991)
<b>22</b>	Nuclear Science and Engineering (Nuclear Engineering through Spring 2005)
<b>24</b>	Linguistics and Philosophy
<b>25</b>	Interdisciplinary Science (to Spring 1983)
<b>BE</b>	Biological Engineering (through Summer 2006) ( <b>BEH</b> Bioengineering and Environmental Health from Fall 1998 through Summer 2002; <b>TOX</b> Toxicology from Spring 1989 through Summer 1998)
<b>CDO</b>	Computation for Design and Optimization (through Summer 2020)
<b>CMS</b>	Comparative Media Studies
<b>CSB</b>	Computational and Systems Biology
<b>CSE</b>	Computational Science and Engineering
<b>EM</b>	Engineering Management
<b>ESD</b>	Engineering Systems Division
<b>HPM</b>	Health Policy and Management (1983-1990)
<b>HST</b>	Harvard-MIT Division of Health Sciences and Technology
<b>IDS</b>	Institute for Data, Systems, and Society
<b>MAS</b>	Media Arts and Sciences
<b>OR</b>	Operations Research
<b>PEP</b>	Professional Education Programs ( <b>ASP</b> Advanced Study Program through Summer 2006; <b>CAES</b> Center for Advanced Educational Services from Spring 1996 through Summer 2003; <b>EN</b> Center for Advanced Engineering Study prior to 1995)
<b>RED</b>	Real Estate Development
<b>SCM</b>	Supply Chain Management
<b>SDM</b>	System Design and Management (through Summer 2010)
<b>STS</b>	Science, Technology, and Society
<b>TPP</b>	Technology and Policy Program (through Summer 1999)
<b>UND</b>	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** Wellesley College.

## 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

Name: LI, Songhao  
Student ID No.: 116020123

Chinese Name: 李松浩  
ID/Passport No.: 362301199710190011

Gender: Male  
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	A	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	A	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	A	30.3
FIN2010	Financial Management	3.0	A	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	A	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

Name: LI, Songhao  
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Chinese Name: 李松浩  
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### 2017-18 Term 2

ECO3011	Intermediate Microeconomic Theory	3.0	A	24.6
ECO3121	Introductory Econometrics	3.0	A	32.8
ENG2002B	English for Business Communication	3.0	A-	28.9
GEA2000	Modern Chinese History and Culture	3.0	A	37.0
PED1002	Fitness and Health	1.0	A-	28.0
MAT2040	Linear Algebra	3.0	A	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	A	36.4
FIN3380	Introduction to Financial Data Analysis	3.0	A	47.1

Units Passed = 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	A	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	A	33.9
DMS2051	IT in Business Applications	3.0	A-	N/A
CSC3002	Introduction to Computer Science: Programming Paradigms	3.0	P	N/A
GED2201	Gods and Humans—Greek Myths and Ethics	3.0	P	N/A
GEB2004	Technology and Ethics	3.0	P	N/A

Units Passed = 18.0      Term GPA = 3.800

Name: LI, Songhao  
Student ID No.: 116020123

Chinese Name: 李松浩  
ID/Passport No.: 362301199710190011

Gender: Male  
Date of Birth: 19 Oct 1997

\*\*\*\*\* Summary \*\*\*\*\*

	Total Units Passed	Cumulative GPA	Major GPA
CUHK(SZ)	100.0	3.795/4.000	3.800/4.000
Unit Exemption	33.0	-	-

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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.

\*\*\*\*\* End of Transcript \*\*\*\*\*

# MANSFIELD COLLEGE

University of Oxford



## Transcript of Record Academic Year 2018/19

This is to certify that Songhao (Grant) Li was enrolled as a Visiting Student at Mansfield College and has completed those tutorial courses indicated below, together with grades (please refer to the 'Explanation of Transcript Grading').

<i>Department</i>	<i>Tutorial Subject</i>	<i>Oxford Grade</i>	<i>Tutorial Credits</i>
<b><i>Michaelmas Term (October - December)</i></b>			
Economics	Money and Banking	A- (68)	8
Statistics	Mathematical Analysis	A+ (90)	4
<b><i>Hilary Term (January - March)</i></b>			
Economics	Microeconomic Analysis	A (72)	8
Statistics	Mathematical Models of Financial Derivatives	A+ (90)	4
<b><i>Trinity Term (April - June)</i></b>			
Economics	Macroeconomics	A (75)	8
Economics	Development of the World Economy since 1800	A- (65)	4

## Explanation of Transcript Grading

Visiting students at Mansfield College are taught within the Oxford tutorial system in single or paired tutorials. Each term Visiting Students study a primary tutorial subject comprised of a set of eight tutorials and a secondary tutorial subject comprised of four tutorials. For each tutorial set, a tutor evaluates the Visiting Student's work according to Oxford standards and submits a final report which assesses the student's performance in discussions and written assignments over the course of the term. Each final report also includes a grade based upon the Oxford grading system. At the end of the term, final reports are read aloud to visiting students in one on one meeting with the Tutor for Visiting Students.

Visiting Students are assessed exclusively on their performance in tutorials as they are not required to sit examinations with matriculated students. Even though Visiting Students do not sit examinations, their work is evaluated using the Oxford grading system and according to very high Oxford standards. Visiting students are expected to be able to perform consistently above the base grade set out in the conversion scale below. Please note that the conversion scale is provided for guidance only; grade conversion is ultimately subject to the judgement of the home institution.

### Recommended Conversion Scale

<i>Oxford Grade</i>	<i>US Grade</i>
80-100	A+
70-79	A
65-69	A-
60-64	B+
55-59	B
50-54	B-
45-49	C+
40-44	C