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Massachusetts Institute of Technology

Academic Transcript

Registrar's Office

77 Massachusetts Avenue
Cambridge, Massachusetts
02139-4307

Ahmed Katary

MIT ID: 919 789 489

Admitted as a Regular Student for Fall Term 2019-2020

Completed Programs:
  Computer Sci & Eng (Course 6 3)/Bachelor's

Subject	Subject Name	Lvl	Cred	Grade
FALL TERM 2019-2020				FRESHMAN
5.111	Principles of Chemical Science	U	12	P
6.0001	Intro to CS Prog in Python	U	6	P
6.0002	Intro: Comp Thinkng & Data Sci	U	6	P
8.012	Physics I	U	12	P
8.UR	Undergraduate Research	U	6	P
18.01	Calculus	U	12	S
18.022	Calculus	U	12	P
GEN.APCR	AP Elective Credit	U	18	S

* * *

JANUARY TERM 2019-2020				FRESHMAN
2.670	Mechanical Engineering Tools	U	3	P
6.148	Web Lab: Prog & Competition	U	6	P

* * *

SPRING TERM 2019-2020   FRESHMAN

   Semester significantly disrupted starting 3/13/2020 due to
   Coronavirus COVID-19 outbreak. Mandatory Alternate Grades
   in effect.

6.009	Fundamentals of Programming	U	12	PE
7.013	Introductory Biology	U	12	PE
8.02	Physics II	U	12	PE
17.41	Intro International Relations	U	12	PE
18.03	Differential Equations	U	12	PE

* * *

FALL TERM 2020-2021   COURSE: 6 3   SOPHOMORE

   Significant disruption in effect due to Coronavirus COVID-
   19 pandemic

6.004	Computation Structures	U	12	B
6.042	Math For Computer Science	U	12	B
6.EPW	UPOP Engr Practice Wrkshp	U	1	P
18.700	Linear Algebra	U	12	A

* * *

SPRING TERM 2020-2021   COURSE: 6 3   SOPHOMORE

   Significant disruption in effect due to Coronavirus COVID-
   19 pandemic

6.006	Introduction to Algorithms	U	12	OX
6.036	Intro to Machine Learning	U	12	C
6.EPE	UPOP Engineer Practice Exp	U	1	P
11.139	The City in Film	U	9	B

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Subject	Subject Name	Lvl	Cred	Grade
FALL TERM 2021-2022	COURSE: 6 3			JUNIOR
6.006	Introduction to Algorithms	U	12	C
6.840	Theory of Computation	U	12	A
6.911	Engineering Leadership Lab	U	3	B
6.912	Engineering Leadership	U	3	A
6.UAT	Oral Communication	U	9	B
21M.600	Introduction to Acting	U	9	A

* * *

JANUARY TERM 2021-2022 COURSE: 6 3				JUNIOR
6.UR	Undergraduate Research	U	6	P

* * *

SPRING TERM 2021-2022 COURSE: 6 3				JUNIOR
6.031	Elements of Software Construct	U	15	C
6.819	Advances in Computer Vision	U	12	B
6.902A	Design Innovation for Engineer	U	3	B
6.902B	Design Thinking and Innov Proj	U	3	B
6.911	Engineering Leadership Lab	U	3	A
6.912	Engineering Leadership	U	3	B
21H.161	The Modern Middle East	U	12	B

* * *

FALL TERM 2022-2023 COURSE: 6 3				SENIOR
4.619	Historiog Islamic Art & Arch	U	12	A
6.1060	Software Performance Eng	U	18	B
6.7200	Optimization Methods	U	12	C
6.URN	Undergraduate Research	U	1	URN
21H.160	Islam, Middle East, & the West	U	12	B

* * *

SPRING TERM 2022-2023 COURSE: 6 3				SENIOR
6.1800	Computer Systems Engineering	U	12	B
6.5930	Hardware Arch for Deep Learn	U	12	B

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    Ahmed Katary
    92 Portage Ave
    Staten Island, NY 10314-5218

Massachusetts Institute of Technology

Academic Transcript

Registrar's Office

77 Massachusetts Avenue
Cambridge, Massachusetts
02139-4307

Ahmed Katary
        (Continued from page 1)

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Subject        Subject Name           Lvl  Cred Grade
-------------------------------------------------------
  6.S063  Special Subject in EECS       U   12    B
21A.157   The Meaning of Life           U   12    A
21G.237   Public Speaking for Bilingual U   12    A
WGS.220   Wmn & Gndr Mid East & N Africa U  12    A
                         * * *
****************************************************************
01-JUN-2023   Awarded the Degree of Bachelor of Science
Major(s):     Computer Science and Engineering (Course 6-3)

****************************************************************
Undergraduate Cumulative GPA:  4.1  (on a 5.0 scale)
****************************************************************
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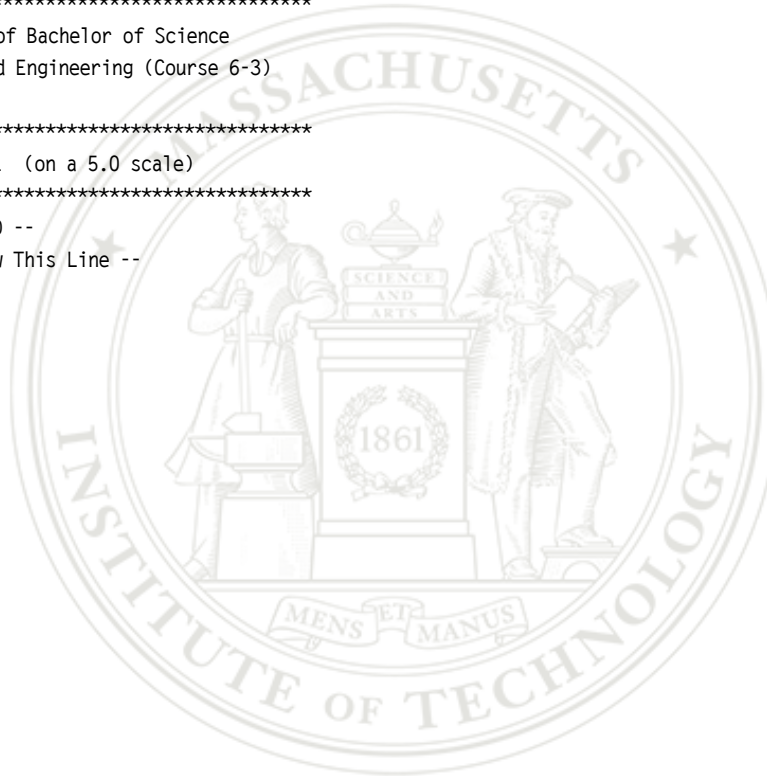
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    Ahmed Katary
    92 Portage Ave
    Staten Island, NY 10314-5218

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Brian E. Canavan, Registrar

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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
A   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   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.
C   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.
D   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.
F   Failed.
J,U   **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 or U/A).
P   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.
I   Incomplete. When work completed, final grade follows I (e.g., I/B).
O   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.
OX   Absence satisfactorily explained and excused. When work is completed final grade replaces the OX.
SA   Satisfactorily completed doctoral thesis.
S   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.
IP   Indicates subject "in progress" in current term.
PE   Reflects performance at any of the levels A, B, or C, under an emergency disruption.
IE   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
1   Civil and Environmental Engineering (Civil Engineering prior to Fall 1992)
2   Mechanical Engineering
3   Materials Science and Engineering
4   Architecture
5   Chemistry
6   Electrical Engineering and Computer Science
7   Biology
8   Physics
9   Brain and Cognitive Sciences (Psychology prior to Fall 1986)
10   Chemical Engineering
11   Urban Studies and Planning
12   Earth, Atmospheric, and Planetary Sciences (Earth and Planetary Sciences prior to Fall 1984)
13   Ocean Engineering (through Spring 2007)
14   Economics
15   Management
16   Aeronautics and Astronautics
17   Political Science
18   Mathematics
19   Meteorology and Physical Oceanography (through Summer 1983) (Meteorology through Summer 1980)
20   Biological Engineering (Applied Biological Sciences through Summer 2003) (Nutrition and Food Science prior to Fall 1985)
21   Humanities
21A   Anthropology (Anthropology/Archaeology from Summer 1989 through Summer 1996)
21F   Foreign Languages and Literatures (through Summer 2015)
21G   Global Languages (Global Studies and Languages through Summer 2020)
21H   History
21L   Literature
21M   Music and Theater Arts
21W   Writing and Humanistic Studies (Writing from Summer 1989 through Summer 1991)
22   Nuclear Science and Engineering (Nuclear Engineering through Spring 2005)
24   Linguistics and Philosophy
25   Interdisciplinary Science (to Spring 1983)
BE   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
EM   Engineering Management
ESD Engineering Systems Division
HPM Health Policy and Management (1983-1990)
HST Harvard-MIT Division of Health Sciences and Technology
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)
RED Real Estate Development
SCM Supply Chain Management
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** 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