

**Tim Cook, Apple CEO** delivers speech to Class of 2017 undergraduates and graduate students on Killian Court.

# Tim Cook, Apple CEO, speaks at MIT Commencement 2017

*Cook underscores the importance of humanities in conjunction with technology, finding meaningful work*

**By Anshula Gandhi**  
NEWS EDITOR

Over 2,700 undergraduate and graduate students received their degrees at MIT commencement June 9.

## Tim Cook underlines importance of technology in conjunction with humanities

"I thought I'd discover my life's purpose when I could answer the question...what's your major?" said Tim Cook, CEO of Apple. It wasn't until he started working at Apple, Cook explained, that his work felt meaningful.

"If we are ever going to solve some of the hardest problems facing the world today...then technology

will help us do that. But technology alone isn't the solution. And sometimes, it's even part of the problem." Rather, what's important is putting humans at the center of what you do, Cook said.

Several students expressed disappointment with the "product placement" in Cook's speech. Cook incorporated several Apple products into his address to graduates including the iPhone, the Apple watch, and the iPad. "Should commencement be an advertisement field?" asked William Qian '16 in a Facebook comment to *The Tech*.

## Senior class president offers senior gift

Liana Ilutzi '17 announced the

senior gift: 64 percent of seniors donated to MIT, and raised a total of \$17,750.

## Reif encourages students to "make the world a little more like MIT"

President L. Rafael Reif called on students to "hack the world" to "make the world a little more like MIT."

He joked that the vibrations from campus dance parties could be detected from 3 billion light years away.

Reif also stated that, while the new iPhone 8 is rumored not to have a home button, he hopes that MIT students will always know they have a home at MIT.

## IN SHORT

The summer semester begins on June 12.

The deadline to initiate pre-registration for fall classes is June 19.

Remember to submit CI-H/HW subject preferences before June 19 during pre registration.

Congratulations to the class of 2017!

Sorry, freshmen, you're still frosh until convocation. Remember the law of conservation of freshmen!

Send news and tips to [news@tech.mit.edu](mailto:news@tech.mit.edu).



DANIEL MIRNY—THE TECH

**Left: John Graham '17, Right: Jackson Graves '17.** Look how happy these graduating seniors are! This could be you someday!



DANIEL MIRNY—THE TECH

**Liana Ilutzi '17, Senior Class President,** addressing her class at commencement.

## YOU CAN WIN AN AWARD FOR IM SPORTS

MIT introduces the "Beaver Cup."  
**SPORTS, p. 8**

## ARE YOU PREPARED FOR 'LIFE'?

Our fun pages have the solutions!  
**FUN, p. 7**



## SEE PICTURES OF HAPPY GRADUATES

They made it! Can we? **PHOTO, p. 4-5**

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WEATHER

Another Brief Episode of Summer Heat

By Jordan Benjamin  
STAFF METEOROLOGIST

Another brief episode of short-lasting but intense summer heat is in store for New England for the first part of this week. As high pressure builds along the Eastern Coast of the US, high temperatures and relatively calm conditions will spread across the Eastern half of the US. Towards the middle of the week, a low pressure system and associated cold front will slide towards the northeast. This will bring a chance of rain and thunderstorms to Boston Tuesday before cooler, more comfortable and seasonable weather builds in from the North and East. This pattern of alternating heat

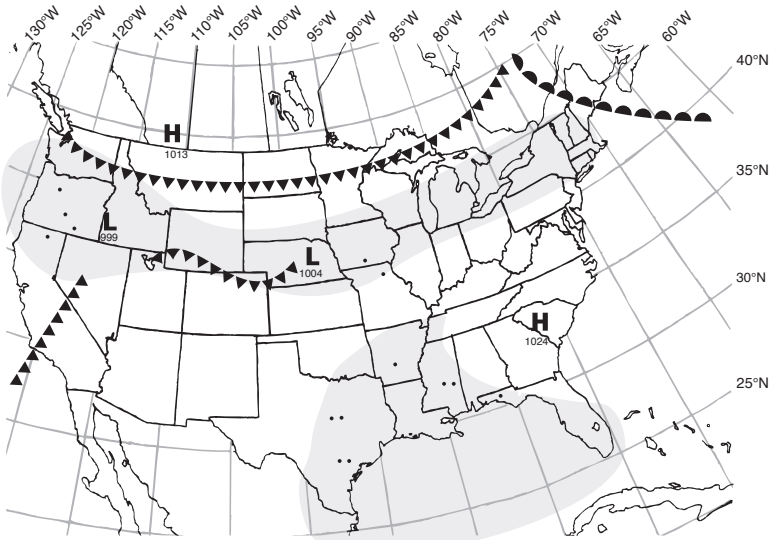
and cooler temperatures looks to continue for some time, along with associated periodic chances of rain and thunderstorms.

Elsewhere across the US, summer weather will continue to dominate. Areas along the boundary of the East

Coast high pressure system - including the southeast, the Mississippi and Ohio river valleys, and parts of the Great Plains - will continue to see consistent episodes of rain and thunderstorms. This could be accompanied by severe weather at times across the North Central US. Many areas will experience highs above 90 °F as the summer solstice on June 20, only 8 days away, approaches.

Extended Forecast

**Today:** Sunny and Hot. High 96°F (36°C).  
**Tonight:** Clear and Warm. Low 75°F (24°C).  
**Tomorrow:** Hot. Chance of Showers and Thunderstorms. High 91°F (33°C).  
**Wednesday:** Sunny. High 75°F (24°C).  
**Thursday:** Sunny. High 74°F (23°C).



Situation for Noon Eastern Time, Monday, June 12, 2017

Weather Systems	Weather Fronts	Precipitation Symbols		Other Symbols
		Snow	Rain	
<b>H</b> High Pressure	- - - Trough	❄	•	☁ Fog
<b>L</b> Low Pressure	- - - Warm Front	☂	☂	⚡ Thunderstorm
<b>S</b> Hurricane	▲▲▲ Cold Front	☂	•	☁ Haze
	▲▲▲ Stationary Front	☂	••	
		Heavy	☂	

Compiled by MIT  
Meteorology Staff  
and The Tech

Say Hello



To My Little Friend.

photo@tech.mit.edu







# Commencement

PHOTOS BY DANIEL MIRNY—THE TECH

MIT Commencement took place on Killian Court on Friday, June 9. Apple CEO Tim Cook addressed the graduating class. Over 2,700 undergraduate and graduate students received degrees.









## College

Solution, page 8

1		7	2		5			
		5			9		4	
	6			8		5		
6		8				4		
2	4						1	9
		1				3		8
		4		1			3	
	1		4			8		
			3		6	1		4

180x		27+		21+
2x	5+	35+		
35x	8+	1	27+	
6-	4x	11+	432x	
8	6	5+		2x
36x	35x	25+	48x	
252x			12+	4
	48x		6	270x
288x		2	35x	

## [1838] Machine Learning

## THIS IS YOUR MACHINE LEARNING SYSTEM?

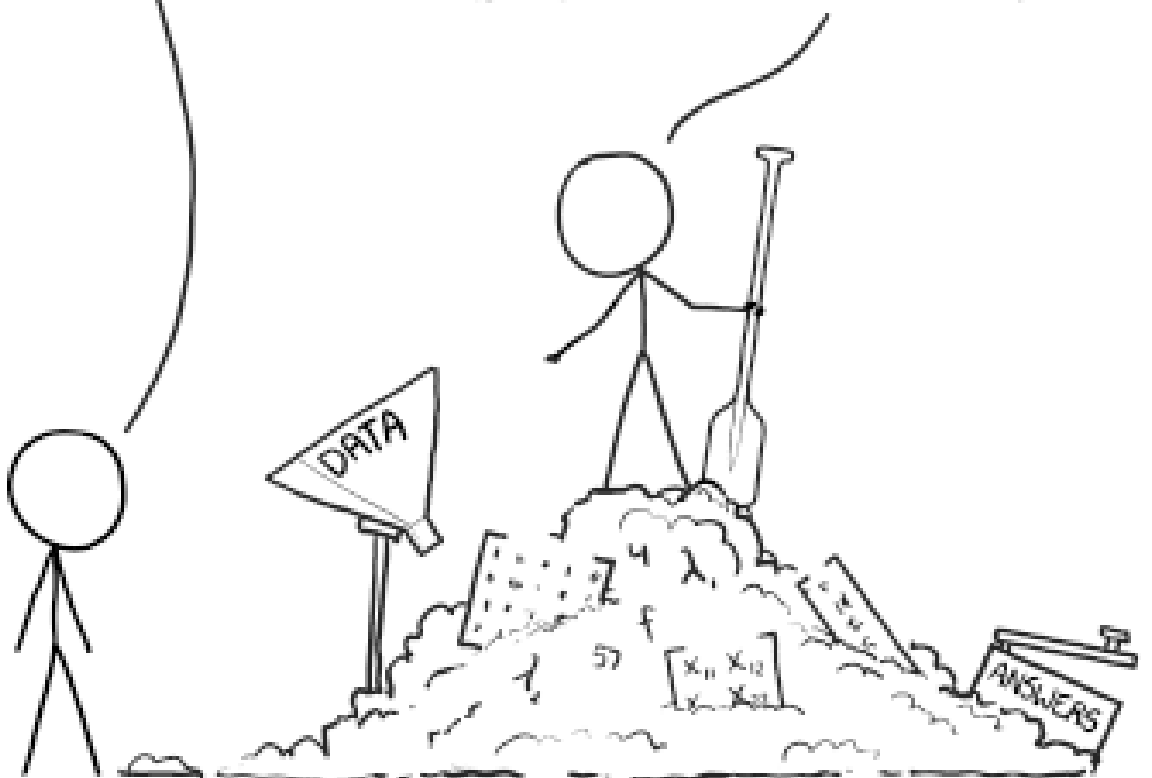
YUP! YOU POUR THE DATA INTO THIS BIG PILE OF LINEAR ALGEBRA, THEN COLLECT THE ANSWERS ON THE OTHER SIDE.

## WHAT IF THE ANSWERS ARE WRONG?

JUST STIR THE PILE UNTIL  
THEY START LOOKING RIGHT.



by Randall Munroe



The pile gets soaked with data and starts to get mushy over time, so it's technically recurrent.



# Life

Solution, page 8

32+			24x	42x		96x		14x
7+		5x		5+			36x	
			33+					3
13+		12x			24x			4
2÷			216x		12+	32+		
56x		3		1			22+	
12x	14x			120x				
	24x	14+			315x			
9			14x			90x		

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

## Close to Home by Gail Grabowski

Solution, page 8

## ACROSS

1 Used a loom  
5 Attended  
10 Eject, as a geyser  
14 Operatic solo  
15 Without assistance  
16 "Let's get out of \_\_\_!"  
17 Impolite look  
18 High-calorie cake  
19 Rabbit relative  
20 Debate where voters ask questions  
23 Cape \_\_, MA  
24 Surgeons' facilities: Abbr.  
25 Makes changes to  
27 Protection from harm  
31 Strictness  
33 Chicago airport  
34 Speed contest  
35 French friends  
39 Mayor, council members, etc.  
42 Changes the color of  
43 Poems of praise  
44 Decide to take part  
45 Letters before tees  
47 Things of value

48 Report-card marks  
51 Rock that's mined  
52 Fishing pole  
53 Municipal building complex  
60 Wildly excited  
62 Quilt piece  
63 Make simpler  
64 "Absolutely!"  
65 Happen next  
66 Rock-band sound boosters  
67 Appear to be  
68 Beloved ones  
69 Camper's shelter

**DOWN**

1 Disney of Disneyland  
2 Black-and-white cookie  
3 Point of \_\_ (opinion)  
4 Be worthy of  
5 Overly diluted  
6 Spiny houseplants  
7 Arrange into stacks  
8 Prefix meaning "against"  
9 Adolescent  
10 "No talking!"  
11 War's opposite  
12 Mistake  
13 Plants pulled from gardens

21	Roadside stopover	1
22	Day-__ (fluorescent paint)	2
26	Vagabonds	
27	Auctioned off	
28	Sailor's "Hello!"	2
29	Clock dial	3
30	Removed from a blackboard	3
31	Rants and __	
32	Puts frosting on	4
34	Went by bus or cab	
36	Parcel (out)	
37	"What's __ for me?"	4
38	Train stops: Abbr.	
40	Repeated rumors	5
41	"Long time, __"	6
46	Fraction of a min.	
47	Curved parts of feet	6
48	Lawn material	6
49	Scoundrel	
50	Like a lot	
51	Take place	
54	Wind-direction indicator	
55	"__ jungle out there!"	

1	2	3	4		5	6	7	8	9		10	11	12	13
14					15						16			
17					18						19			
20					21						22		23	
					24				25		26			
27	28	29	30				31	32						
33							34							
39						40					41			
42						43					44			
					45	46					47			
48	49	50							51					
52					53		54	55				56	57	58
60					61		62					63		
64						65						66		
67						68						69		

56 Well-groomed  
57 Bring under control  
58 TV sports channel

59 Take a break  
61 Ruby or diamond



SPORTS

# IM Executive Board introduces Beaver Cup

By Ahaan Rungta  
SPORTS EDITOR

Over the past school year, the MIT intramural executive officers have been making several changes to the IM sport experience. Most recently, the community has seen additional sports such as cricket and the e-sport League of Legends and the introduction of players of the month. Perhaps the biggest of the overhauls is the addition of the Beaver Cup, a points system through which FSILGs, graduate departments, and clubs can score points for participating and winning in different leagues. According to former president of the IM Executive Board Alex Dalzell '18, the concept of the Beaver Cup ties right into the mission of intramurals and its structure.

We asked Dalzell about the motivation to add the Beaver Cup and what it brings to the community experience. *The Tech:* Why do you think the Beaver Cup was a necessary addition to the already diverse and vibrant intramural experience? Dalzell: "Ultimately, IM sports exist to give members of the MIT community – students, faculty, staff, alumni – a fun way to get exercise, an outlet to destress, and especially a way to meet and bond with other people from their dorm, FSILG, department, lab, etc. in a fun and friendly setting. Before the Beaver Cup, the different sports had little interaction with each other; your experience playing basketball and your experience playing soccer were entirely disjoint, even though it's

the same people you're playing the two sports with. The way our system is structured, we already had a bunch of established groups on campus - for example FSILGs, dorms, or graduate departments - that fielded teams in many sports, and the same members of these groups were playing on several of these teams for their group. The Beaver Cup allows these groups to score points toward an overall championship based on their participation and success in each individual sport, giving a natural connection between the different sports that didn't exist before." *The Tech:* What does the IM Executive Board hope to achieve out of the participation in intramural sports with the added incentive of a cup? Dalzell: "More than anything,

we hope the Beaver Cup gives people a reason to be more excited about IMs. The idea is that the Beaver Cup will give our participants an excuse to play more often or to try a new sport, it will give them something to talk about and look forward to with their friends, and ultimately, it will let them have more fun while they're playing. It's not something we expect everyone to be actively following and involved in, but we hope some of our participants will pay attention to the standings as they're updated and really get excited about trying to score points for their group to win the Cup. When you think about mental health and campus culture, I think this really augments the role of IMs to give people a low-stress, recreational outlet that they can

share with their friends." Groups are eligible for the Beaver Cup if they are fully affiliated; i.e. if they attend all three affiliation meetings during the academic year. Eligible groups receive points primarily for ranking highly in their respective sports leagues, with the weights being higher for higher-tier leagues. After a hard-fought and well-attended school year in intramural sports, the leading organization, Graduate Association of Mechanical Engineers (GAME), owns a giant lead in the race for the cup. With a few results waiting to be entered into the standings, GAME is on comfortable pace to be proud owners of the first physical wooden Beaver Cup, which will be on display in the Zesiger Athletic Center.

SPORTS  
SPORTS  
SPORTS  
SPO

Solution to Four Years

from page 3

9	5	6	8	2	3	7	1	4
8	7	4	5	6	1	9	2	3
3	2	1	9	7	4	6	8	5
7	1	8	2	5	9	3	4	6
5	6	3	4	1	7	8	9	2
2	4	9	3	8	6	5	7	1
1	8	2	6	9	5	4	3	7
6	3	7	1	4	8	2	5	9
4	9	5	7	3	2	1	6	8

Solution to College

from page 6

1	9	7	2	4	5	6	8	3
8	3	5	6	7	9	2	4	1
4	6	2	1	8	3	5	9	7
6	7	8	9	3	1	4	5	2
2	4	3	5	6	8	7	1	9
9	5	1	7	2	4	3	6	8
5	2	4	8	1	7	9	3	6
3	1	6	4	9	2	8	7	5
7	8	9	3	5	6	1	2	4

Solution to Grad School

from page 6

5	1	6	8	9	4	2	7	3
1	6	2	4	5	9	7	3	8
2	7	3	5	6	1	8	4	9
9	5	1	3	4	8	6	2	7
3	8	4	6	7	2	9	5	1
4	9	5	7	8	3	1	6	2
6	2	7	9	1	5	3	8	4
7	3	8	1	2	6	4	9	5
8	4	9	2	3	7	5	1	6

Solution to Life

from page 7

5	4	9	3	7	6	1	8	2
1	9	5	8	3	2	6	4	7
6	5	1	4	8	7	2	9	3
7	6	2	5	9	8	3	1	4
2	1	6	9	4	3	7	5	8
8	7	3	6	1	9	4	2	5
3	2	7	1	5	4	8	6	9
4	3	8	2	6	5	9	7	1
9	8	4	7	2	1	5	3	6

Solution to Close to Home

from page 7

W	O	V	E	W	A	S	A	T	S	P	E	W			
A	R	I	A	A	L	O	N	E		H	E	R	E		
L	E	E	R	T	O	R	T	E		H	A	R	E		
T	O	W	N	M	E	E	T	I	N	G	C	O	D		
				O	R	S				A	L	T	E	R	S
S	A	F	E	T	Y		R	I	G	O	R				
O	H	A	R	E		R	A	C	E		A	M	I	S	
L	O	C	A	L		G	O	V	E	R	N	M	E	N	T
D	Y	E	S		O	D	E	S		O	P	T	I	N	
				E	S	S	E	S		A	S	S	E	T	S
G	R	A	D	E	S		O	R	E						
R	O	D		C	I	V	I	C		C	E	N	T	E	R
A	G	O	G		P	A	T	C	H		E	A	S	E	
S	U	R	E		E	N	S	U	E		A	M	P	S	
S	E	E	M		D	E	A	R	S		T	E	N	T	

WANTED

sports·writ·er(s)

/'spôrts ,rīdərs/

noun

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