

MORSE

CS-LISTEN

RESEARCH



How can we expose CS to **underrepresented groups** and lessen the stigmatizations around the topic?

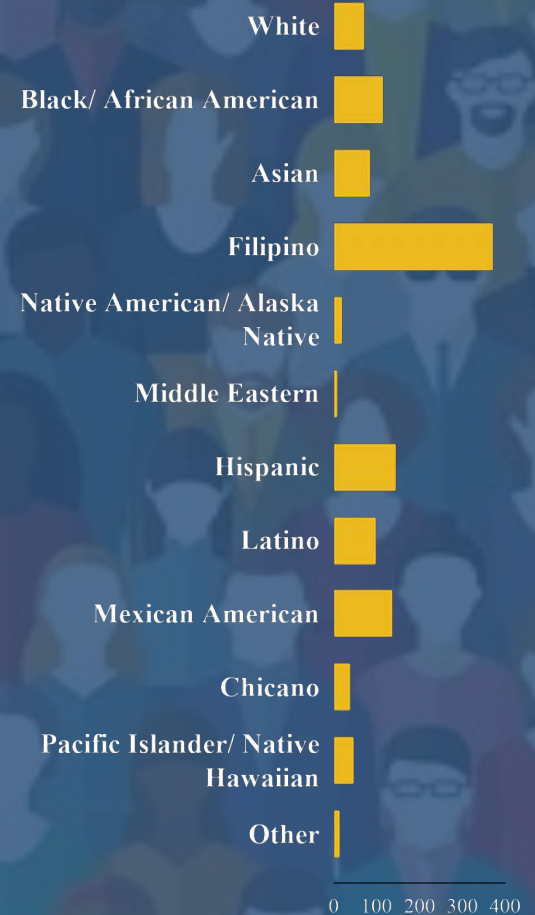
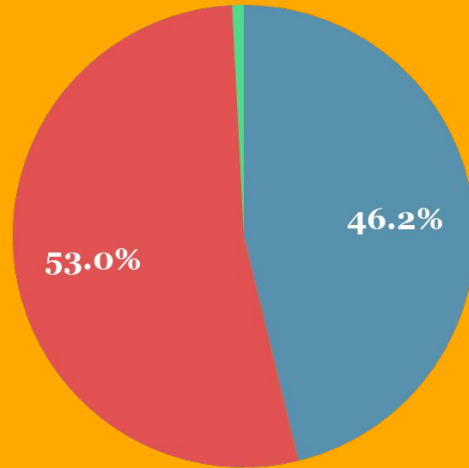
Who is a minority in the CS field?

As of 2017, **78.06%** of people graduating with a CS Degree from the top five schools with CS Graduates in the United States were **male**

Within that group, **white males** make up the majority

Who does Morse represent?

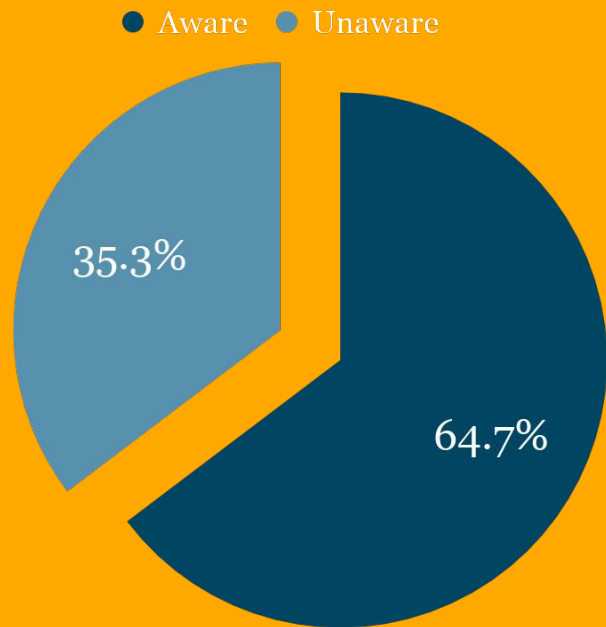
- Male
- Female
- Non-Binary





How can we expose CS to
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topic?

How informed are students?

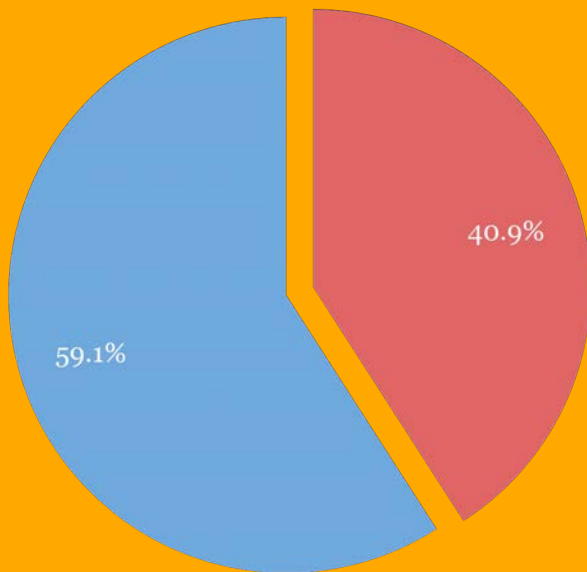


64.7% of students are aware that there are CS-related activities at Morse

Of those aware, only **57%** had an idea of what computer science is

How do students feel toward CS?

90.2% of the students feel that CS is not well-known and that more opportunities should be implemented



- Did not enjoy a CS course
- Enjoyed a CS course

Only 15% of the school has actually taken a CS course

The course was:

- Not interesting
- Difficult
- Poorly taught

Should students take computer science?

Opinion on taking CS course	Frequency
Strongly disagree	22 (2.9%)
Disagree	35 (4.7%)
Impartial	200 (40%)
Agree	201 (26.9%)
Strongly agree	191 (25.5%)

92.4% of the sample are open to taking a Computer science class.

52.4% agree with having at least an introduction to Computer Science

Should CS be mandatory?

Is programming an important skill to have?

- 30.9% thought it should be mandatory
- 56% of students didn't think programming was an important skill to have



**What
should we
take away
from this?**

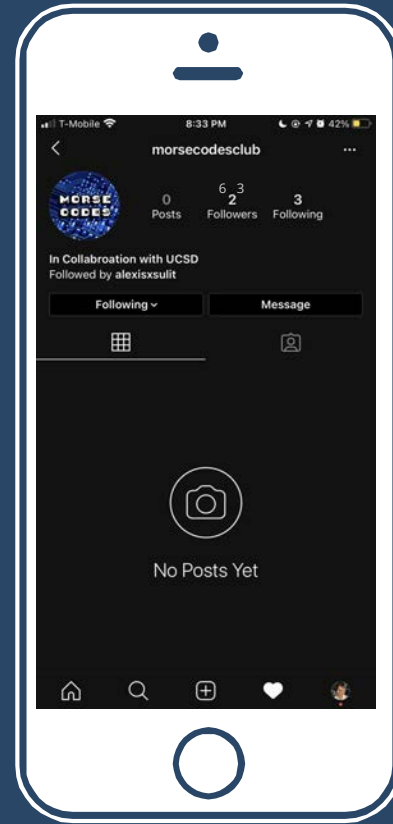
- Morse is a predominantly minority school
- Not enough students are aware of the very few CS opportunities Morse offers
- A small amount of students have actually taken a CS course
 - Around half of them did not like it



**How can we expose CS to
underrepresented groups and lessen
the stigmatizations around the topic?**

Promotion

Expanding our
community
and making it
known!



Rebranding

Renovating environment
and expanding what
Morse has to offer!



Prepare
the next
generation!

Elementary School Outreach



Credits

Endless gratitude to our UCSD Advisors:

- Susan Yonezawa
- Minhtuyen Mai

Special thanks to our Morse Advisors:

- Kimberly Morris
- Lourdes Sanchez
- Swati Tomar

Special thanks to all the people who made and released these awesome resources for free:

Presentation template by [SlidesCarnival](#)

Photographs by [Startup Stock Photos](#)



Script

- Billy Phan
- Alexis Sulit
- Myko Rosal
- Alan Cruz



Data Analysis

- Patrick Buenaventura
- Lilyan Mendez
- Mark Morera
- Myko Rosal
- Alan Cruz
- Billy Phan
- Alexis Sulit
- Erika Rivera



Video Editing

- Alexis Sulit



Slides

- Alan Cruz
- Myko Rosal



Data Collection

- Ysaak Parfiles
- Andrew Arevalo
- Prince Amachi
- Alan Cruz
- Billy Phan
- Mark Morera
- Lilyan Mendez
- Myko Rosal
- Carissa Brewer
- Matthew Lumaban



This research is funded by the
National Science Foundation
CS for All Grant Award #1923406.

Thanks for listening!
Any Questions?