

The State of STEM in Your State – 2017



GEORGIA STATE REPORT

The average STEM score for Georgia's graduating class of 2017 was **21.3**.

Percentage of all Georgia ACT-tested HS Graduates Meeting ACT College Readiness Benchmarks by Subject

	Math	Science	STEM
Met Benchmark	41%	38%	21%
Within 1-2 Points of Benchmark	9%	16%	11%

Georgia College Readiness Benchmark Percentages by Race/Ethnicity

Race	Math	Science	STEM
2 or More Races	43%	41%	21%
White	54%	52%	29%
Pacific Islander	38%	43%	21%
Hispanic	35%	31%	14%
Asian	73%	62%	50%
Native American	32%	22%	11%
Black	17%	15%	5%

The data in this report represent all ACT-tested students in Georgia's 2017 graduating class.

Tomorrow's STEM Workforce in Georgia

30,222 Georgia students, or 53%, had an interest in STEM, but only 10,189 (18%) had **both** an expressed interest (they plan to pursue a STEM major or career) and a measured interest (their ACT Interest Inventory score pointed to a STEM field).

Georgia's future STEM educator pipeline may be in danger—only 115 students planned to enter math education, and only 45 science education.

GEORGIA STEM STUDENT PROFILE

Ajinkya Sawant

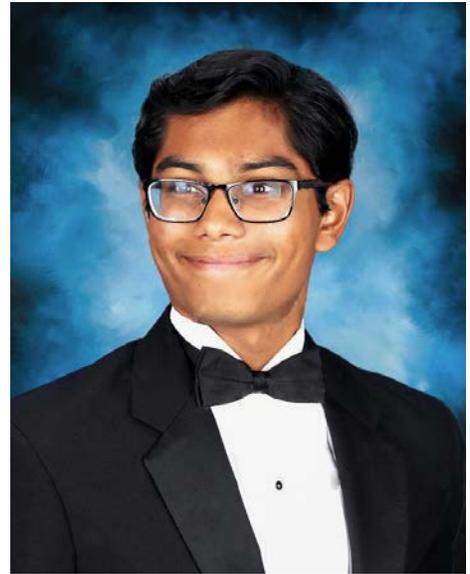
Georgia Institute of Technology-Main Campus,
class of 2021

In what grade did you first become interested in a STEM field?

Pre-K

What sparked your interest in STEM?

My parents always read me bedtime stories of the pioneers of aviation and science, from Chuck Yeager to Copernicus. I first wanted to be an astronaut conducting experiments in space, but, as I learned more about the engineering involved, I fell in love.



How do you picture your future, in higher education and career?

Formula One Aerodynamicist, Aircraft R&D, Computational Fluid Mechanics and Wind Tunnel Methodologist

What challenges do STEM students face when following through with their interest in STEM fields?

A major problem STEM students face is the lack of exposure to the vast range of careers available to them. Students can be alienated by limited career opportunities because of an imbalanced focus on certain disciplines.

ACT thanks STEMPremier for sharing student STEM profiles for this report.

