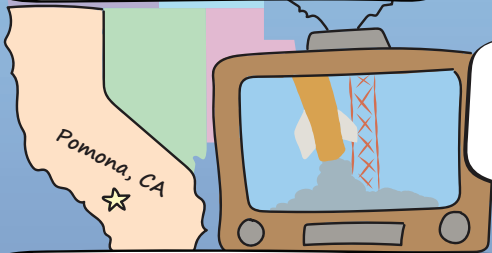


VICTOR GLOVER, JR.

FLYING TO NEW HEIGHTS

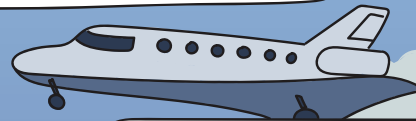


Meet Victor Glover. He grew up in Pomona, CA, which is just east of Los Angeles.

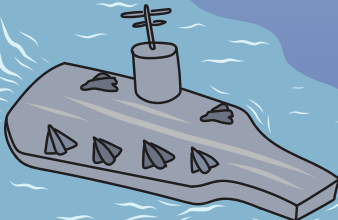


Glover became fascinated by science and engineering at a young age after watching shuttle launches on TV and deciding he wanted to fly one someday.

After finishing high school, he studied general engineering at California Polytechnic, receiving his bachelor's degree in 1999. He then joined the Navy and began preflight training in Pensacola, FL, earning his wings in late 2001.



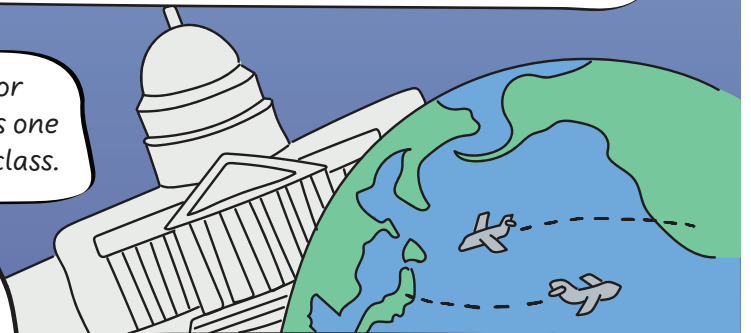
He returned to his studies in 2006, earning several degrees by 2010.



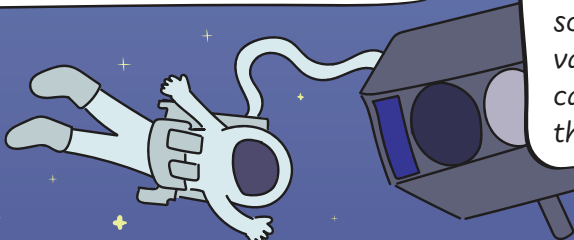
Glover moved halfway around the world to fly with the Dambusters, a Super Hornet fighter squadron stationed in Japan. He flew on several Pacific Ocean missions before returning to the States in 2012 after being selected for a legislative fellowship.

While serving on the personal staff of Senator John McCain in 2013, Glover was selected as one of eight members in NASA's 21st astronaut class.

After receiving his first spaceflight assignment, Glover piloted SpaceX's Crew Dragon Resilience to the International Space Station in late 2020. The crew stayed for just under six months, going on spacewalks and performing research and maintenance.



In 2023, Glover was assigned as the pilot for **Artemis II**, part of a new phase of lunar missions that began in 2022. This ten-day flight, scheduled to launch in early 2026, will test a variety of NASA's deep space exploration capabilities as the spacecraft slingshots around the Moon and back to Earth.



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ABOUT VICTOR
GLOVER, JR. AND
HIS WORK



DR. OLUWAMI DOSUNMU-OGUNBI

CLIMBING TO HIGHER EDUCATION



Meet Dr. Oluwami Dosunmu-Ogunbi. She is the daughter of Nigerian immigrants, and grew up in Montgomery, Alabama.

Montgomery,
Alabama

Her curiosity in pursuing a doctorate began when she noticed the special velvet hats worn at graduation by doctors and decided she wanted her own one day.

Knowing her parents would want her to pursue medicine, law, or engineering, she chose engineering. (She was less comfortable with seeing blood or speaking in public)

The first step was her bachelor's degree in mechanical engineering at the University of Illinois Urbana-Champaign. After graduating in 2017, she relocated to Ann Arbor, MI, to continue her studies at the University of Michigan.

She received her master's degree in engineering in 2020, followed by another master's degree in robotics a year later.

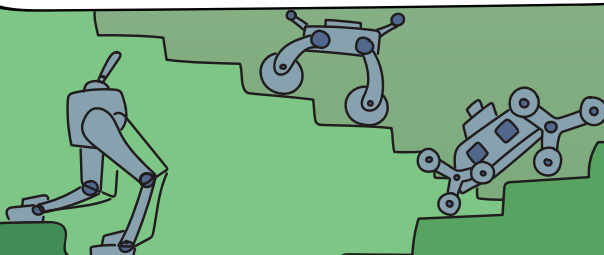
Master's
Degree

Master's
Degree

In 2024, she became the first Black woman to receive a PhD in robotics from the University of Michigan.

For her dissertation, "Ascending New Heights: Enhancing Bipedal Robotic Locomotion through Stair Climbing," she designed an algorithm for **underactuated robots** that lets them climb stairs.

Her post-doctoral research focuses on expanding the capabilities of this algorithm and pushing the boundaries of robotic mobility and how it can be applied to real-life scenarios.



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DOSUNMU-OGUNBI
AND HER WORK

