

EQUIPPING STUDENTS FOR CAREER SUCCESS FROM DAY ONE

Demetrious Jarvis is an aerospace engineering alumnus and Navy veteran.

As a student, he helped design, build and launch a 14-foot rocket, taking first place in a rocketry competition.

This hands-on experience at CPP helped him land an engineering job at Skunk Works immediately after graduation.

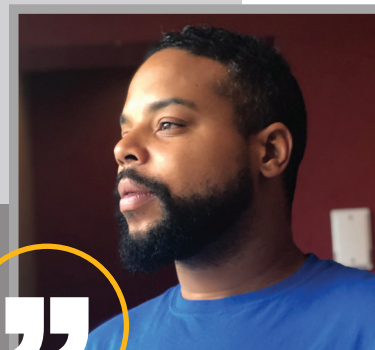
As a Navy veteran, Demetrious Jarvis had worked on an aircraft carrier deck and was determined to have a career related to planes.

From the moment the aerospace engineering student stepped on campus, he experienced our Polytechnic Advantage – gaining aerospace engineering knowledge and skills in multiple disciplines allowing him to pursue a variety of careers and adapt to the ever-evolving job landscape.

In the industry-grade high-and low-speed wind tunnels on campus, Demetrious applied his classroom learning and refined his technical, collaboration and leadership skills, working with fellow students on an important real-world scenario: testing the durability of aircraft wings.

He also discovered his airplane experience could be used with rockets. Demetrious worked with a 25-student team to design, build and launch a 14-foot tall rocket 24,000 feet in the air – winning them first place in a rocketry competition.

Seventeen years after his first interaction with planes, our Polytechnic Advantage empowered Demetrious to attain his dream job at Skunk Works, an organization that produces and develops aircraft designs through Lockheed Martin. As a flutter and vibrations engineer, he hit the ground running, able to test for vibrations and stress on not only airplanes, but missiles, rockets and other advanced development projects.



“I needed a master’s degree for the position, but because Cal Poly Pomona offered hands-on opportunities, I qualified for the job. What I did with wind tunnels on campus, I’m doing at Skunk Works, but on a bigger scale with real airplanes.”

DEMETRIOUS JARVIS
'20, aerospace engineering

HELP EVERY STUDENT RECEIVE A POLYTECHNIC EXPERIENCE

You can guide and support students like Demetrious, helping them obtain a job immediately after graduation.

Network with students at campus events or virtually

Participate in workshop panels for students, faculty and staff

Mentor students

Offer internships

Fund scholarships

*Contact the Cal Poly Pomona
Philanthropic Foundation at
909-869-4997 or
philanthropy@cpp.edu
for more information.*



WHAT OUR POLYTECHNIC ADVANTAGE PROVIDES TO STUDENTS

Application of Knowledge

Critical Thinking and Problem Solving

Creativity, Discovery and Innovation

Diverse and Multi-disciplinary Perspectives

Integration of Technology

Collaborative Learning

Community and Global Engagement

Professional and Career Readiness