

# GEORGE F SULLIVAN III

VETERAN – ENGINEER – ENTREPRENEUR – LEADER

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## PERSONAL SUMMARY

11+ years of relevant technical and leadership experience – leading investigations, developing unique solutions to complex problems, and guiding work that benefits the organization while satisfying stakeholders.

Strong interpersonal skills – frequently requested by name to spearhead investigations and develop robust resolution plans. Unique background and extremely broad knowledge allows for in-depth problem solving at any level.

Influencer – easily steps into new roles and quickly rises to the top. Consistently becomes a focal point for knowledge and decision making. Strong advocate for cross-functional support.

## WORK EXPERIENCE

### *ATS TECHNICAL SERVICES*

Owner (Business and Web Consultant)

Oct 2018 – Current

- Applies lateral thinking and brokers deals that create new income streams and accelerated growth opportunities for small business owners, tailored to their specific needs and industries
- Analyzes workgroups and processes; provides business leaders with feedback and coaching targeted at building high performance teams and reducing organizational inefficiencies
- Combines software and business system knowledge to negotiate and execute custom software and web contracts, valued at up to \$5k-\$25k each
- Leveraged interpersonal and technical skills to drive a precedent-setting marketing campaign; achieved 6 months of growth for customer in 2 weeks

### *THE BOEING COMPANY*

International Space Station (ISS) Communications & Tracking (C&T) Engineer

Mar 2016 – Oct 2018

- Advisor to NASA ISS program managers; built a reputation for developing and recommending strong solutions to difficult problems and ensuring work remained technically sound and on schedule
- Leveraged cross-functional relationships at the local level to resolve ISS technical problems beyond the scope of C&T that had remained unsolved for 10+ years
- Coordinated 30+ joint tests between NASA and commercial partners – met with stakeholders, performed analyses, developed guidelines, and led troubleshooting actions to resolve real-time issues – 100% of tests met or exceeded anticipated success criteria on time and schedule
- Assistant to Technical Lead Engineer – filled multiple roles simultaneously for the ISS C&T group; significantly enhanced group capabilities with direct positive impacts to NASA/Boeing Award Fee
- Leader of multiple critical path fault investigations involving ISS C&T and related systems; >90% fault resolution rate with minimal disruption to project and operational schedules
- Correspondence from NASA to management indicate quality of work is among “the best I’ve ever seen” - recognized by Boeing management; promoted in 1 year, well below the baseline

## ***ENGINEERING INNOVATION CENTER***

Student Technician and Instructor

Mar 2015 – Dec 2015

- Formally hired after students displayed a sign stating “In George We Trust” in the Engineering Innovation Center after several semesters of informal mentoring
- Developed and taught engineering skills classes – electronic troubleshooting, circuit board design, programming, presentation and communication
- Performed hardware and software design review for capstone projects; fielded student ideas and offered coaching/mentorship for capstone teams – student pass rate increased 50% over previous semesters
- Was offered a position as a college-level instructor upon graduation

## ***NATIONAL AERONAUTICS & SPACE ADMINISTRATION***

Electrical Engineering Co-op

Jan 2013 – Aug 2015

- Multiple tours as a NASA Engineering co-op; collaborated with hardware design, networking, wireless, robotics, and aviation groups
- Deconstructed, redesigned, and rewrote software that analyzes flight data recorder data - decreased processing time from multiple hours to 70 seconds per dataset; still used in 2019 to analyze mission data
- Designed, assembled, and tested circuit boards for sensing and power conversion applications; used for robotics and wireless communications demonstrations through 2018
- Developed new integration, test, and inspection plan for transport aircraft power system upgrade
- Feedback from former mentor indicates “you were one of the best co-ops we ever had”

## ***UNITED STATES AIR FORCE***

Avionics Sensors Supervisor (SSgt)

Feb 2003 – Aug 2009

- Promoted ahead of peers from technician to team leader to production supervisor in under a year
- Hand-selected to manage a forward-deployed maintenance section after only 6 months on-station, a position typically reserved for supervisors with 18-24 months experience
- Technical expert, often called upon to complete tasks beyond scope of day-to-day maintenance
- Led teams specializing in complex troubleshooting; established procedures for others to follow
- Managed operations in a high-tempo operational environment during wartime – maintained a fleet of aircraft electronics systems and support equipment worth >\$135 million

## **EDUCATION**

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***TEXAS A&M UNIVERSITY***

College Station, TX

Jan 2012 to Dec 2015

Bachelor of Science in Electrical Engineering, 3.76 GPA *Magna Cum Laude*

## **RELEVANT ACHIEVEMENTS**

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<b><i>ACHIEVEMENT</i></b>	<b><i>ROLE</i></b>	<b><i>REASON</i></b>
<b>Group Achievement Award (2x)</b>	<u>Project/Upgrade Engineer</u>	Multiple Projects
<b>Employee of the Month</b>	<u>Comm System SME</u>	Cross-Functional Support
<b>Third Place Team</b>	<u>Technical Lead</u>	TAMU Capstone Design Competition
<b>Excellence in Teaching</b>	<u>Instructor (Texas A&amp;M)</u>	Nat’l Society of Leadership & Success
<b>Second Place Team</b>	<u>Co-Captain</u>	MAES National College Decathlon
<b>Scholar of the Week</b>	<u>Project Lead</u>	NASA College Aerospace Scholars
<b>Commendation Medal</b>	<u>Production Supervisor</u>	United States Air Force