

Ani Azadkhanian

Principal Systems Engineer | Subsystems Technical Lead (Rocket Motor, CAS, Warhead) | IPT Lead - CAS

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Professional Summary

Dynamic engineering leader with 10+ years of experience in production and systems engineering within the aeronautics and advanced weapon systems sectors. Currently serving as Major Subsystems Technical Lead for the rocket motor, control actuation system (CAS), and warhead subsystems-ensuring technical compliance and verified requirements. Also serving as Integrated Product Team (IPT) Lead for CAS, managing technical execution, budget, and schedule performance. Expert in MBSE, requirements management, and reliability engineering. Known for rapid decision-making, strategic planning, and effective communication-skills sharpened through professional chess.

Education

MS, Industrial Engineering - NYU Tandon School of Engineering (2023)

BS, Industrial Engineering - Cal Poly Pomona (2016)

Certifications

MBSE Fundamentals - Caltech (Expected May 2024)

Model-Based Systems Engineering - NGC TechStarter Program

ICP-ATF: Agile Team Facilitation - ICAgile (Dec 2021)

Awards & Honors

SiAW Program Award - Teamwork (2023)

Bright Beginning Award - Performance (2023)

Exemplary Leadership - VOICE ERG (2021, 2023, 2024)

Bravo Award - Operational Efficiency (2020)

Top 100 - Women's Blitz Chess, US Chess Federation (2016)

Huff Family Scholarship - Cal Poly Pomona (2015)

Engineering Scholars Program - Cal Poly Pomona (2014)