

JASON J. GARCIA

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Summary

Technical Program Manager with 10+ years of experience leading large-scale, cross-functional programs in high-growth technology environments. Proven track record in driving strategic initiatives, operational excellence, and organizational change across hardware, software, and research domains. Expert in managing multi-disciplinary teams, optimizing processes, and leveraging technology and AI to deliver scalable solutions. Adept at managing complex programs, fostering alignment across business functions, and communicating effectively with executive stakeholders.

Experience

Meta RL - Eye Tracking

Redmond, WA

Technical Program Manager

October 2023 - Present

- Managed SOW development and execution with BD, legal, internal technical DRIs, and external partners.
- Lead strategic planning and execution for cross-functional programs, partnering with research, engineering, and operations to deliver on annual and quarterly priorities.
- Spearheaded the development and projection of multi-million dollar budgets for annual planning, coordinating financial strategy and resource allocation across more than a dozen teams.
- Managing the design, development, and delivery of VR/AR prototype systems that include deliverables focused on complete engineering and capture session designs and planning.
- Manage a team of 5 direct reports (1 Human Studies Program Manager, 4 Research Assistants), overseeing resource allocation, onboarding, and professional development.
- Act as primary liaison for projects spanning multiple functions, ensuring seamless communication and execution between People, Finance, Legal, and Tech teams.
- Champion the adoption of AI tools and methodologies to automate routine tasks, enhance data analysis, and improve internal communications and knowledge management.
- Oversee vendor relationships, contract renewals, and budget tracking for key initiatives, ensuring service level agreements are met.
- Develop and maintain centralized operating procedures, project roadmaps, and knowledge repositories to ensure consistency and efficient onboarding.

NFTKred

Remote

Lead Smart Contract Developer

November 2022 - July 2023

- Directed cross-functional teams in the modernization of technical infrastructure, emphasizing process optimization and clear technical communication.
- Led the adoption of new technologies to automate and streamline business operations.
- Developed automated account monitoring software to ensure account balances and activities were easily and consistently tracked.

Raytheon, Integrated Defense Systems

Be'er Sheva, Israel

Senior Systems Engineer II - Surveillance Radar Sustainment

September 2019 – October 2021

- Managed operational readiness and led organizational change during periods of ambiguity and staffing challenges.
- Oversaw vendor relationships and contract management for critical system updates.

Northrop Grumman Corporation, Marine Systems

Sunnyvale, California

Systems Test Engineer III – Propulsion and Power Generation (PPG)

August 2018 – September 2019

- Led teams in high-stakes environments, driving process excellence and continuous improvement.
- Developed software for data analysis and system simulations, showcasing proficiency in leveraging technology for high-precision tasks.

Northrop Grumman Corporation, Mission Systems (NGMS)

Lincoln, United Kingdom

Systems Software Engineer III – Surveillance Radar Systems

June 2017 – June 2018

- Developed software updates for safety critical flight systems with Ada programming language
- Drafted and updated peer reviewed documentation during SW development life cycle.
- Maintained updates for technical system handbooks and coordinated between all stakeholders to develop the final product.

Northrop Grumman Corporation, Mission Systems

Baltimore, Maryland

Systems Flight Test Engineer II – Surveillance Radar Flight Test

May 2016 – June 2017

- Acting liaison between NGMS technical experts, flight test team, and vendors for radar sensor of an advanced prototype unmanned air vehicle (UAV).
- Developed and presented numerous, frequent briefs for radar software updates/patches to the flight test team, and coordinated flight test cards to capture associated radar test points.
- Acting radar expert of the flight crew team during flight test events. Responsible for resolving and recording real-time radar behavior at 55k feet, and conducted post flight data analysis with NGMS technical experts.
- Quantified requirements' metrics with Systems Engineering to determine level of compliance.
- Briefed flight test teams on all radar system anomalies and associated workarounds which resulted in successful test and Operational Assurance flights.

Northrop Grumman Corporation, Mission Systems

Rancho Bernardo, California

Systems Engineer II – Surveillance Radar Integration

September 2014 – May 2016

- Acting radar sensor expert for customer's complete, multi-sensor UAV test bench with integration of primary system sensor (an electronically scanned high-altitude surveillance radar).
- Facilitated communications of radar performance and test bench integration faults to engineering.
- Developed data acquisition and reduction utilities with MATLAB by reducing multi-sensor command/control and GPS navigation data specifically associated with surveillance radar.
- Conducted eighteen-hour flight test events with UAV system test bench to record failures prior to initial test flights.

Technical Skills

- Strategic Planning & Execution: Annual/quarterly planning, cross-functional alignment, operational cadence management
- Budgeting & Financial Management: Multi-million dollar budget development and projection, financial strategy, resource allocation across large organizations
- Program Management: Project lifecycle management, process documentation, resource optimization, vendor/contract management
- AI & Technology Integration: Researching, evaluating, and implementing AI tools for process automation and data analysis
- Data & Insights: Advanced proficiency in Google Sheets, Excel; dashboard/report development; data synthesis for executive decision-making
- Communication: Executive-level written and verbal communication; agenda/materials preparation; stakeholder management
- Tools: Google Workspace (Sheets wizard), Microsoft Office Suite, Asana, Workday, Excel, Python

Education

The University of Texas-Pan American, Edinburg, Texas

Bachelor of Science in Electrical Engineering

Graduation Date: May 2011