JUAN HERNANDEZ GUIZAR

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EXPERIENCE

Aerospace Systems Engineer III, Blue Origin, El Segundo, CA   03/2025 - Present
Aerospace Systems Engineer II, Blue Origin, El Segundo, CA   10/2022 – 03/2025
- Leading enterprise-level Digital Ecosystem (DE) initiatives resulting in cost savings from $750k to $2M+ per quarter such a Blue Fiber, Istari Digital & Syndeia
- Lead Systems Modeler in Project Starbridge (formerly Lunar Clipper) developing & presenting artifacts such as the programs FHA, CONOPS, system architecture, interfaces, & BOM / MEL in Dassault Systèmes Cameo
  - o Led on-site Technical Performance Metrics (TPM's) between trading key vehicle designs for Phase 1
  - o Lead implementer & presenter of artifacts at Blue Origins 1st model-based review for Phase 2
- Organize & lead 3+ events for New Gutierrez BRG per year at the El Segundo, CA office
- Blue Origin Bar Raiser

Systems Engineering Manager, Mercury Systems, Torrance, CA   02/2022 - 10/2022
- Led a team of 10 direct reports supporting systems engineering scope in the Aviation Mission Common Server ($30M), JARVIS ($40M), & L-3 Helmet Mounted / Degraded Visual Environment ($10M) programs
- Spearheaded automated integrations between scheduling & project management tools to reduce status sync meetings by 75%

Senior Systems Engineer, Mercury Systems, Torrance, CA   05/2021 - 02/2022
- Test lead, scrum master, & lead systems engineer on mission computer, power conversion, & data transfer programs

Systems Engineer, Rockwell Collins, Cedar Rapids, IA   05/2018 - 05/2021
- Test lead, scrum master, Cost Account Manager & systems engineer for Embraer C-390 & Airbus C-295 platforms

Mechanical Engineer Intern, Northrop Grumman, Whiteman Air Force Base, MO   10/2017 - 12/2017
- Performed classified survivability upgrades to the B-2 Spirit Bomber using Dassault Systèmes CATIA

Systems Engineer Intern, Rockwell Collins, Cedar Rapids, IA   06/2016 - 10/2017
- Tested 500+ system requirements in the Systems Integration Laboratory (SIL) for the Embraer C-390 aircraft

SPECIALIZED SKILLS & AWARDS
- **Coding Languages:** Python
- **Languages:** English & Spanish at full professional proficiency
- **Awards:** Karman Line Ticket Recipient, Blue Star recipient, Southern California Edison Scholarship Recipient
- **Tools:** Dassault Systèmes Cameo, Teamwork Cloud, Jira, Windchill, IBM ClearQuest, IBM Rational DOORS, JAMA, GitHub, GitLab, Docker, Confluence / Wiki, Syndeia, Ceptah Bridge, Dassault Systèmes CATIA
- **Certifications:** Professional Scrum Master by Scrum.org & Mountain Goat

PROFESSIONAL AFFILIATIONS
- Active Professional Member: International Council on Systems Engineering (INCOSE)   01/2023 - Present
- Active Professional Member: Society of Hispanic Professional Engineers (SHPE)   01/2013 - Present

EDUCATION

Master of Science in Business Analytics, Rady School of Management   12/2025
University of California, San Diego, CA
- Relevant Courses: AI-Math & Programming for Business Analytics, AI-Assisted Customer Analytics

Bachelor of Science in Mechanical Engineering   05/2018
University of California, Merced, CA
- Chapter President: American Institute of Aeronautics & Astronautics (AIAA)
- Chapter Outreach Chair and Treasurer: The Society of Hispanic Professional Engineers (SHPE)