



ALEXANDER KANELLAKOS

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EXPIRED DoD SECRET

OBJECTIVE

Seeking a job as a Systems Safety Engineering Consulting Director where I can use my extensive experience to help the company achieve its goal of excellence in the field. Support VP of Programs to enhance across the board new product performance metrics for company, increasing overall equity.

WORK EXPERIENCE

SPARTAN METALLURGICAL COMPANY

Huntington Beach, CA

President and CEO (Contractor)

NOV 2010 – PRESENT

Engineering Technical Leader and Director for the United States Government:

- NASA and the USAF AFSPC Space System Safety Director (acting) in charge of new and existing satellite subcontractors on Launch Facility Programs > **\$ 12 B +**
- Jumbo Aerospace Software and Hardware Systems Safety Integration Review
- Create and Manage Operational Plans, Budgets, and Contract Acquisition
- Safety Oversight of Test and System Safety Plans for Satellite Networks
- Develop Lower Rocket Launch Cost and Improve Reliability at VAFB
- NAVAIR Aviation Test and Flight Worthiness Safety Qualification
- Setting Strong Vision and Mission Statements for Customers
- Verification, Failure Analysis and Risk Mitigation
- Programmatic Environmental Safety and Health
- Launch Integration and Range Safety

Chief Technical Officer

Palo Alto, CA

Engineering Program Manager Customer Liaison:

JAN 2000 – NOV 2010

- Competitive Technical Evaluation Support for Department of Defense (DoD) Contract wins > **\$ 50 B +**
- Bid and Proposal work to DoD resulting in dramatic company turnaround and new commercial aerospace businesses with Orbital Sciences Corporation igniting market cap net worth > **\$ 4.4 B +**
- Report and Test Flight Pedestal LRUs for NAVAIR Carrier-Capable Tactical AEW Aircraft
- NASA Orbiter and ISS SSBRP Lead Systems Simulation and Engineering
- Develop NASA ISS SSBRP Architectural Systems Engineering Design
- Manage Enhancement of DoD Architecture Framework
- DoD Aviation System Subject Matter Expert Evaluator
- GIG Command and Control Net Centric Ops Testing
- Aerospace Cybernetic System Engineering
- Space System Verification and Integration
- Facilities Construction and Remodeling

APOLLO PRODUCTIONS & AAR DIGITAL LLC

Huntington Beach, CA

President and CEO (Contractor)

JUN 2010 – SEP 2016

Engineering Executive and Producer for the State of California:

- Utilize social transformation and educational information materials for California High Speed Rail Project; including DVD data delivery to legislators for timely major contract award > **\$ 12B +**
- Recruitment of Management and Professional Talent
- Motion Picture Publicity, Production and Distribution
- Key High Speed Rail Contract Lobbyist Expertise

Executive Director and CIO

Mountain View, CA

Engineering Management and Consultation

JAN 1999 – JUN 2010

- Developing Cyber Operations Defense of Internet Control using Search Engine Optimization Internet Computer IT Security Software Systems Purchase, Review, Installation and Maintenance Software
- Studio, Cinematography Photonics, and Soundtrack Systems Design and Integration
- Web Game Design, Animation and Search Engine Architecture of SHARKnet™

TOP CONTRACT ASSIGNMENTS

ORBITAL SCIENCES CORPORATION

Mountain View, CA

Lead Systems Engineer

Program Management Consulting to NASA Ames Research Center, Orbital Sciences Corp. and Lockheed Martin

KALMAN AND COMPANY, INC.

El Segundo, CA

Senior Space Systems Safety Engineering

Program Management Consulting to the DoD AFSPC Space Systems Safety Directorate at LAAFB

VOLT TECHNICAL RESOURCES, INC.

Orange, CA

Lead Test Engineer

Program Management Consulting to Rockwell Collins, Inc. and NAVAIR

SCIENCE APPLICATION INTERNATIONAL CORPORATION

Huntington Beach, CA

Lead Senior Systems Engineer

Program Management Consulting and Liaison to Boeing Company and TACOM

EDUCATION

San Jose State University

Materials Science and Engineering (B.S.)

CLASSES AND CERTIFICATIONS

Stanford University

Management Science and Engineering (N.D.O.)

System Safety Certificate

University of Southern California Viterbi School of Engineering License 018

Programmatic Environmental, Safety and Occupational Health (ESOH) Evaluation (PESHE)

U.S. Air Force Space Command (AFSPC)

C4ISR Principals, Requirements, and Systems

John Hopkins University Organizational Effectiveness Institute

Fundamentals of Systems Acquisition Management

Department of Defense Acquisition University