



## ALEXANDER KANELLAKOS

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### OBJECTIVE

Seeking a job as a SE&I Multi-Mission Manifest Office Management Specialist where I can use my extensive experience to represent MEI and achieve its goal of Excellence in the Field. Support Programs to enhance across the board Product Performance Metrics for Overall Company Successes.

### WORK EXPERIENCE

#### SPARTAN METALLURGICAL COMPANY

Huntington Beach, CA

##### Program Manager (Engineering Contracts Implementation)

NOV 2010 – PRESENT Engineering Technical Leader and Director for the United States Government:

- Represent USAF AFSPC Space System Safety Directorate Lead on new and existing satellite and Payload Defense Contractors on all SMC Launch facility and Systems Integration Programs > \$ 12 B +
- Jumbo Aerospace Software and Hardware Systems Safety Interface Control Document (ICD) Review
- Create and Manage Launch Systems: Hardware, Software, Safety, Test, and Failure Analyses Actions
- Develop Lower Rocket Launch Cost and Improve Reliability at VAFB (> 106 successful launches)
- Micromanage Verification, Failure Analysis and Risk Mitigation Down to the Component Level
- Launch Integration and Range Safety for Launch Vehicle Mission Analysis on > Sixty-five Programs
- Safety Oversight of Test and System Safety Plans for Programs for National Security Strategy
- NAVAIR Aviation Test and Flight Worthiness Safety Qualification (Cockpit Flight Controls)
- Prepare/ Lead/ Deliver Mission and Launch Readiness Presentations at Readiness Reviews
- Cradle-to-grave Launch Planning and Operations Expertise at All Major USAF Test Ranges

#### Chief Technical Engineer

Palo Alto, CA

Engineering Program Manager Liaison:

JAN 1993 – 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 SSB RP Lead Systems Simulation and Engineering
- Develop NASA ISS SSB RP 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

##### General Partner (Contract)

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 Producer

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 SPARTAN METALLURGICAL COMPANY DEFENSE CONTRACTS

<b>KALMAN AND COMPANY, INC. (NOV 2007 - SEP 2009)</b> <u>Senior Space Systems Safety Engineering</u> Program Management Consulting to the DoD AFSPC Space Systems Safety Directorate at LAAFB	El Segundo,	CA
<b>VOLT TECHNICAL RESOURCES, INC. (JAN 2007 - NOV 2007)</b> <u>Lead Test Engineer</u> Program Management Consulting to Rockwell Collins, Inc. and NAVAIR	Orange,	CA
<b>SCIENCE APPLICATION INTERNATIONAL CORPORATION (JUN 2004 - APR 2006)</b> <u>Lead Senior Systems Engineer</u> Program Management Consulting and Liaison to Boeing Company and TACOM	Huntington Beach,	CA
<b>ORBITAL SCIENCES CORPORATION (SEP 2000 - NOV 2003)</b> <u>Lead Systems Engineer</u> Program Management Consulting to NASA Ames Research Center, Orbital Sciences Corp. and Lockheed Martin	Mountain View,	CA
<b>UNITED DEFENSE LIMITED PARTNERSHIP (~ JAN 1998 - AUG 2000)</b> <u>Electrical / Systems / Quality Engineer</u> Systems Quality and Test Engineering Management Support for United States Army, Marines, and NATO Allies	San Jose,	CA
<b>SPACE SYSTEMS / LORAL (~ JUN 1992 - DEC 1998)</b> <u>Procurement Quality Engineer</u> Commercial and US Government Satellite Systems Quality Control, Reliability, Materials and Processes Engineering	Palo Alto,	CA

## 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

## TALENT HIGHLIGHTS

SYSTEMS ENGINEERING	AEROSPACE / AVIATION	SYSTEMS TESTING	PROJECT MANAGER
SYSTEM DESIGN	DOD LIASON AGENT	VERIFICATION AND VALIDATION	MILITARY OPERATIONS
SYSTEMS INTEGRATION	FAILURE ANALYSIS	DEFENSE ELECTRONICS	MATERIAL SCIENCE
RISK MANAGEMENT	SPACE SYSTEM SAFETY	INSTRUMENT ANALYSIS WORK	SYSTEM ARCHITECTURE
MICROSFT OFFICE PRO	GREAT COMMUNICATOR	RELIABLE WORK ETHICS	LEADERSHIP QUIALITIES