V. David Sánchez A., Ph.D., IEEE Fellow
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Huntsville, AL
Attn.: Human Resources

re: PERMANENT LEADERSHIP ENGINEERING Position -- resume enclosed

Ladies and gentlemen:

I wish to apply for a position at your highly successful company. Enclosed is my resume.
My accomplishments are numerous and include:

• having led the systems engineering, research, and technology development for the space robotics experiment with the STS-55 flight of NASA's Spaceshuttle / ESA's Spacelab, won a NASA national award and designed Mars Micro-Missions and -Spacecraft, designed an entire satellite system currently operating in space.

• having led as Director the design and development of a highly advanced avionics sensor system for DoD with subcontractors including Lockheed Martin, Advanced Technology Center, Palo Alto, CA and SAIC, HQ, San Diego, CA.

• having started and intimately cooperated in my decade tenure as civil servant at the German NASA advanced programs for the German Ministry of Research & Technology and Siemens Corporate R&D, Munich, Germany, a world leading ½ million-employee corporation.

• having led the systems engineering and technology development of a high tech start-up to 70 engineers and to a successful acquisition by Broadcom, Pasadena/Irvine, CA for $1/3 billion within one year.

• having led as Chief Technology Officer (CTO) the start-up efforts of Thuris Corp., Newport Beach/Irvine, CA.

The market segments of the companies I have worked for and would like to continue on include defense, aerospace, software, ASICs, biotech, telecom, and multimedia. My professional passion is hands-on engineering leadership at the worldwide highest levels of standards. This includes supervision, design, development, test, integration, and deployment of extremely sophisticated hardware, firmware, and software engineering systems.

I have intensively worked for, with outstanding consortia and national labs including NASA, ESA, DLR, Boeing, Lockheed Martin, SAIC, Spacedev, EADS, Siemens, HP-Agilent, Windriver Systems, Conexant, and Broadcom, always in highly visible, leading engineering programs and tasks. My skills include real-time, embedded system, application & algorithmic design and development in hardware and software using C++, C#, C, Java, Corba on a variety of hardware platforms including PowerPCs, DSPs, FPGAs, SoCs; systems engineering using UML, Matlab, Doors; operating systems including vxWorks, Unix, Linux, and Windows.

I am very committed to pursuing a career in your company, and look forward to hearing from you regarding my application. I would be happy to be invited to a personal interview to discuss my background in further detail. Please do not hesitate to call me at (650) 630-2746 or email me. Thank you for your time and consideration.

Sincerely,

V. David Sánchez A., Ph.D.
IEEE Fellow, AAAS Member, U.S. Citizen

Enclosure