

Sam David Haddad

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EDUCATION

B.Sc.(Eng.) – Mechanical/Aerospace Engineering (Honors) Southampton University, UK
Ph.D. - Engineering (Vibration, Acoustics & Engines), Southampton University, UK, 1974
Faculty Sabbatical – Artificial Intelligence and Acoustics - Stanford University, 1978

EXPERIENCE

2012 February 24th – Inducted into Silicon Valley Engineering Hall of Fame of www.svec.org

- 1974 – Present CONSULTING PRACTICE
President & Principal Consultant
Operating **HTCS** www.htcservices.com registered in UK in 1974, in the US since 1984 and in California since 1989 - consulting for Fortune 500 companies. These included Applied Materials, IBM, CISCO, SAIC, nVidia, NASA, EPRI, US Navy and US Army.
Also, presented invited seminars on “Silicon Valley Culture transfer” in India, Singapore, Norway, Malaysia, Korea, Portugal and Mexico. During the dot.com years, evaluated 42 start-up and early stage companies for pre-IPO funding as well as advising several Silicon Valley high tech companies on vibration and noise control, diagnostics, neural networks, predictive maintenance, system characterization, strategy and Business Development.
During period “Nov. 2003 – April 2005” acting as executive director/CEO for a new Storage Networks Center for Kumar Malavalli, inventor and pioneer of Storage Area Network and concluding with the establishment of an endowed professorship at UCSC.
Other major consulting assignments include chairman of Advisory Council and consultant for New Century Transportation and business development for Wheels of Zeus (WOZ)
- 1990 – Present STANFORD UNIVERSITY, Stanford, CA
Consulting Professor of Electrical Engineering
Appointed Consulting Professor by Stanford University Board of Trustees.
During 1990 – 1997, taught a graduate elective on “Noise & Vibration Pollution”
- 1998 – 2000 SOLECTRON CORPORATION, Milpitas, CA
Corporate Executive, Worldwide Strategy for New Product Introduction (NPI)
Served as Corporate Executive to develop and deploy worldwide Strategy for New Product Introduction; to coordinate over 60 Solectron sites worldwide and to effect smooth product/project transfer from NPI to volume manufacturing and from site to site. Organized a worldwide NPI conference in California. Budget for WW NPI around \$2 billions.
- Summer 1995 US Navy NRaD, San Diego, CA
Senior Advisor/Consultant for 10 weeks at the Submarine Base – Highly confidential R&D
- 1994 – 1997 APPLIED MATERIALS, Santa Clara, CA
Senior Program Director
Retained in a consulting capacity for research, development and product characterization. Established a state-of-the-art vibrations and characterizations laboratory for companywide semiconductor equipment to include 300 mm systems.
- 1991 – 1996 SANTA CLARA UNIVERSITY, Santa Clara, CA
Research Professor – Teaching and R&D projects for IBM, NASA, LBL and Applied Materials.

- 1989 – 1991 Science Applications International Corporation (SAIC) & Electric Power Research Institute (EPRI), Palo Alto, CA
Director, Senior Consultant
Invited by EPRI as a visiting senior consultant for vibration, noise and diagnostics. Later, retained to continue through joining SAIC but operating at EPRI. Position within SAIC was Technical Director advising EPRI and SAIC on matters related to predictive maintenance, development of special training courses at EPRI Monitoring and Diagnostics Center and organization of major EPRI conferences in Philadelphia.
- 1986 – 1989 UNIVERSITY OF MISSOURI, Columbia, MO
Professor and Chairman, Graduate Programs
Full professor of Mechanical and Aerospace Engineering responsible for teaching and research. Also served as director of graduate programs for Columbia and Kansas City.
- 1984 – 1986 ANATROL CORPORATION, Cincinnati, OH
Vice President, Engineering Services
Consulted in noise and vibration control and engines and later served as Vice President, Engineering Services. Anatrol Corporation operated in Cincinnati, Detroit and California.
- 1970 – 1985 Engineer to Director of revamp operations at Daura Oil Refinery in Iraq, Research Fellow at Southampton University in UK, R&D Director at CAV Lucas in London, Tenured faculty at Loughborough University in UK, Visiting Dean and professor of Engineering in Nigeria, British Home Office expert advisor to China, Assoc. Professor of Engineering at Western Michigan University, and the 1988 INVITED John Orr Memorial Lecturer in South Africa.

Professional Achievements & Honors

- President and Chairman of BOD of Silicon Valley Engineering Council (**SVEC**) for 1996 – 1998
SVEC is an umbrella organization for over 60,000 members in Silicon Valley and the Bay Area
- Member of Executive Board of the American Electronics Association (**AeA**) & Small Business advisory
- Fellow of Institution of Mechanical Engineers (FIMechE) and a Founder Fellow of Institute of Diagnostics
- Co-authored or edited five books, four book chapters and over 140 refereed journal papers, articles and invited keynote conference papers on acoustics, engines, vibration and predictive maintenance.
- Granted a nominee certificate for the **1999 David Packard Civic Entrepreneur Award** presented by Joint Venture: Silicon Valley Network for leadership and service enhancing the economic vitality and quality of life in the Silicon Valley community, in the spirit of the Silicon Valley 2010 vision
- Awarded ASME Region IX (California, Nevada and Hawaii) Frank W. Von Flue plaque for Outstanding Section Chairman for 1999-2000 given by the American Society of Mechanical Engineers International
- Member of BOD for several startup companies, Advisory Board of International Technological University and Advisory Council of Silicon Valley Association of Startup Entrepreneurs (**SVASE**)
- Founder Chairman of the Industrial Advisory Board of The Healing Institute to bridge the digital divide
- Former Member of Board of Directors of **Technology Ventures Network** (TVN) the Advisory Board for Technology Ventures Corporation (TVC)
- **Chairman** of Silicon Valley Engineering **Hall of Fame** (HOF) and Awards Committee 2002 – 2006
- **Chairman of Advisory Council for New Century Transportation, 2005 – 2007**

PERSONAL INTERESTS

Efforts to bridge the digital divide, member of Board of Governors of Silicon Valley Capital Club in San Jose, leading non-profits, culinary delights, travel and swimming. Fluent in Arabic and good in Assyrian.