

## **Xuan Hoang**

5243 Breese Circle, El Dorado Hills, CA 95762

### **Professional Resume**

Education: **MSEE**

Experience: **Hardware (Analog, Digital, Chip, System Design), Software, Micro Code (Verilog, VHDL) and 28 years in R&D Engineering Management, and 12 years in Insurance Industries**

### **Working History:**

1979 – 1983     **Diasonics, Inc (Publicly Held Company)**

Position: Electrical Engineer, Supervisor of Acoustic Device Department.

Products: Spectra Ultrasound Systems

Technology: Doppler Effect, Zero Crossing Detector, Sectorial Scanning, Square Pixel Display and Measurement, Digital Image Processing

1983 – 1986     **Vicom Systems, Inc**

Position: Engineering Manager, Director of Engineering

Products: Black Box (Military Application)

Technology: Real-time Subtraction, Array Processing, Square Pixel Memory, Convolution, Digital Image Processing

1986 – 1992     **Pixel Engineering, Inc**

Position: Director of Engineering, VP of Engineering

Products: Micro-Chanel PS1, PS2, 8514A

Technology: Micro Channel Parallel Bus based Peripherals, attempted to replace those of ISA Bus, later replaced by PCI Bus Architecture. 8514A is a Non-standard High-end Graphics Engine

1992 – 1995     **DTC - Photonics, Inc (Publicly Held Company)**

Position: Chief Scientist

Products: RF Wireless Devices, SCSI, ATA, The First Internet Set-top Box

Technology: RF Wireless Communication Devices, Internet Set-top Boxes, Storage Controllers (ATA and SCSI), I/O

1995 – 1999     **Genoa Systems, Inc (Publicly Held Company)**

Position: Director of R&D, VP of Engineering, Chief Technical Officer

Products: The First Note-Book Design, The First WinCE based Internet Set-top

Technology: Internet based Wireless Application Modules, using Embedded Browser and WinCE Operating Systems

1999 – 2000     **Comtier, Inc (Publicly Held Company) (Moved to Richardson Texas the end of 2000)**

**Engineering Division of Andrew Satellite Communications or ASC Signal Corporation**

Position: Hardware Development Manager

Products: Wireless Satellite and Terrestrial Communications (Black Box)

Technology: Continuous Phase Frequency Shift Keying (CPFSK) & Communication MAC that yields up to 155Mbps

2000 – 2001     **Amir Technologies, Inc. (Closed its business 2001)**

Position: Chief System Architect

Products: The Future Optical Communication Systems,

Technology: Communication Networks, using the in-house proprietary ASICs and Software (early prototype stage)

2001 – 2004     **VM Labs, Genesis Microchips, Inc. (Publicly Held Company)**

Position: Director of Platform Engineering

Products: Media Access Controllers and Flat Panel Display for OEM

(Sony, Panasonic, Toshiba, and Samsung, NS)

Technology: From Progressive to 16:9 High Definition Display ASICs with or without MAC (Media Access Controller)

2004 – Current   **Nhuy Insurance Agency, Onekey Ins. Solutions**

Position: CEO, President

Business Spectrum: Property & Casualty, Life & Health, Surplus Lines

### **References upon Request**