

# Xavier Paradiso (Todd S. Stock)

California (all work done via Remote Access)

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## EXPERTISE

- \* *IT Support, AI Solutions, Digital Media*
- \* *Excellent Communication, Teaching and Collaboration Abilities*
- \* *Dedicated ~ Diligent ~ Motivated ~ Creative ~ Experienced*
  
- **AI Solutions Engineering**
  - Training / Education
  - Chatbots for web deployment
  - AI Agents / LangChain / Flowise / Gorilla / SuperAGI / RAG / etc
  - Prompt Engineering for text to text, to image, etc
  - AI Generation of images, video, coding
  
- **Small Business IT Management**
  - Windows Server / Domain Controller / Active Directory Setup and Management
  - Office 365 based tenant management
  - Networking – Firewall config including VPN
  - Security – basic including MFA, PCI Compliance, etc
  
- **Desktop Tech Support – Mac & PC**
  - OS Install, Repair / Antivirus / Backup / Data Migration / Data Recovery
  - Cloud storage (iCloud, Dropbox, Amazon S3); Hosted Exchange setup
  - Networking: router, firewall config, DNS/Domain/Web Hosting setup
  - Website setup and basic design using WordPress / Elementor
  
- **Digital Media Solution Engineering**
- **Edit Suite Setup, Operations, Workflow Optimization and Automation**
- **Software Development - C, OpenGL, shell scripting, Lisp, Prolog. Some C++**
  - Skilled in these areas but not considering any big projects (focus on AI now)

## EXPERIENCE

2015-present **VoxLux, Inc.** - Owner / IT and AI Consultant

2020-2024 **Sierra Family Health Center** – IT Director  
~ Server / AD / DC Management, EMR, Security, Compliance,

2006-2014 **Bay Area Computer Solutions** - Sr. IT & Digital Media Consultant  
~ Technical Consultant for small business / home, executive level IT and Media support. Mac & PC - all aspects. Special focus on both technical and social skills necessary to satisfy demanding professional clients

2007-2008 **Diseño y Producción Digital** (Mexico) - Contractor

~ Built a solution for a cross-platform, FFMpeg-based, OpenGL video playback component based on open-source code. The video module expanded a terrain viewer application and was offered to several Departments of State in the Mexican Government. Misc. video support for CEO.

2001-2007 **Freelance Digital Media Consultant**

~ HD/SD Video Post-Production, Assistant Editor, Editor, and IT Support;

Clients included **Intel, Cisco, Cadence, Sony**; supported world-class, award-winning editors and directors. Demo Reel available upon request.

- **Intel Studio** – Assistant editing, asset management, archiving; built Wiki server
- **Shout Creative** – Integrated four FCP stations to XRAid over trunked gigabit ethernet
- **Shout Creative** – Assistant Editor to three editors at once for Sony Playstation Event
- **DSA Creative** – Workflow analysis, equipment recommendations
- **TFEM** – Assistant Editor (HD), troubleshooting, optimization, asset management, archiving
- **InterviewClips** – Editing, Assistant Editing, archiving, for an online job interview service

1999-2001 - **Silicon Graphics**

~ Solutions Engineer for uncompressed HD video on high-end platforms (Onyx2 and Onyx3000). Responsible for system configuration, bandwidth analysis, digital media tools, disk and kernel tuning, network setup. Taught courses on HD video, conducted executive demos, built and manned SGI's Digital Cinema area at NAB.

Technical liaison for key partners including:

- **IMAX** – Designed and integrated a synchronized Stereo-3D uncompressed Digital Cinema playback solution. Special commendation from VP of Advanced Projects.
- **DreamWorks** - Consulted on digital dailies presentation system.
- **Pixar** – Assembled Toy Story 2 trailer raw frames into playable HD clip.
- **Guggenheim Museum** - Handled graphics to HD video tape capture
- **Paul Allen / Vulcan Group** - Installed an uncompressed Digital Cinema system.
- **Jaleo** - Configured an Onyx3000 for compositing three streams of uncompressed HD in real-time (at a time when just streaming uncompressed HD was a big deal)
- **American Museum of Natural History** – Technical support on various HD video issues.
- **SGI internal** - Added uncompressed HD capabilities to the Reality Center environment; gave several presentations on SGI's HD video offerings to the global sales force.

1995-1999 - **Abekas Video Systems** (later Scitex / Accom)

~ Senior Software Engineer on broadcast special effects and switcher equipment, including the DVEous digital video effects system. Technical liaison for ABC / Fox (NYC), others. Invented innovative new real-time animation system (see Awards section below).

1992-1995 - **Freelance** – Graphic Designer, Video Producer and Director. Projects included a television commercial, a corporate promotional video, graphic design for product labels and business cards, and directing an educational video series.

1989-1992 - **NASA Ames Research Center - Artificial Intelligence Laboratory**

~ Research Programmer on the intelligent scheduling system for Space Shuttle ground processing at Kennedy Space Center. Developed an experimental software architecture integrating object-oriented programming with expert system technology.

## EDUCATION / COURSES

Current AI Solutions Engineering  
2019-2024 Social VR Platforms, world-building and Development  
2007-2011 National Association of Broadcasters, International Broadcasting Convention  
1999-2001 OpenGL Course at SGI; Tech Conferences: SMPTE, ITS, SIGGRAPH  
1982-1986 B.A. Computer Science, Cum Laude, The University of Texas at Austin.

## AWARDS

2014 Patent 8,726,061 Method for Synchronization of Multiple Media Devices (SGI, w others)  
2001 Special recognition at SGI for outstanding performance and dedication (IMAX project)  
1999 POST Award for invention of OrbitalFX animation control system  
1992 NASA Group Achievement Award for Space Shuttle ground processing project

## PRIOR AFFILIATIONS

ACM Association of Computing Machinery  
NAB National Association of Broadcasters  
SMPTE Society of Motion Picture and Television Engineers  
AAAI Association for the Advancement of Artificial Intelligence  
MENSA "The High IQ Society"

## TESTIMONIALS / AWARDS / REVIEWS

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