

# Tikal Guadamuz

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## **OBJECTIVE**

A strong desire to succeed and learn in the Television industry ranging from engineering, system design, equipment repair, and maintenance as a Broadcast Engineer or Technician.

## **WORK HISTORY**

**Circuit City**, Technology Sales 2000-2004

Ability to communicate, build rapport, able to trouble shoot on both a technical and easy to understand level. Also a constant need to research new technologies as they are developed and used.

**Woodward Street apartments** 1998-2001

Experience in apartment maintenance, repair, and installation. Learned to manage time well and work well individually and as part of a team.

## **EDUCATION CREDENTIALS AND CERTIFICATIONS**

A.S. Degree Telecommunications **Napa Valley College** *Pending, May 2004*

Society of Broadcast Engineers Certification *Pending, May 2004*

AutoCAD Professional Levels I, II

## **TECHNICAL UNDERSTANDING**

Television Color Theory

Electronic expertise on component level

Ability to read schematics and trace signals for troubleshooting at component level

Television systems operation and maintenance

Broadcasting (Communications and Cable television)

Knowledge of various video formats and players such as NTSC, PAL, 3/4, beta, DVD, Digital Video, and HDTV

Understanding of digital compression such as 601, 4fsc (D2), 4:2:2, and various other MPEG formats

Fiber optics

## **TECHNICAL EXPERTISE/ EXPERIENCE**

Live Television production with use of Grass Valley Switcher, Waveform monitors, Broadcast Cameras, Audio switcher, Lighting, and Set design

Linear and Non Linear editing (Avid, Sony es7)

Monochrome/Color Monitor Alignment/ Repair

Broadcast Camera Alignment/ Repair (IKAGEMI AND SONY BVP)

Intimate knowledge and use of Oscilloscopes, Waveform Monitors, Vectorscopes, and Spectrum analyzers.

VTR repair

## **HONORS/AFFILIATIONS**

SMPTE, Chapter 11, **Napa Valley College**, 2003-2004

SBE Member, **Napa Valley College**, *pending May 2004 graduation*