

# Juan Garza

## **Audio Engineer / Electromechanical Assembly Technician, Prototype technician ,Computer Technician**

Livermore, CA 94550

[garza.gml@gmail.com](mailto:garza.gml@gmail.com)

(805) 636-2305

Looking for full time work in the area of my expertise.

Willing to relocate to: San Francisco - California

Authorized to work in the US for any employer

## Work Experience

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### **Principal Technician / Owner**

Santa Barbara Computers / Garvan Electronics - Lompoc, CA

June 2013 to Present

#### Job Duties and Responsibilities

- Repair computers hardware and software.
- Provide customer service related to computer systems to end users of Apple, PC and Windows products.
- Built and installed It racks, security systems, A/V and pro audio systems for commercial buildings.

### **Telescope Assembly Technician/Engineering Technician**

Las Cumbres Observatory - Goleta, CA

2010 to 2013

#### Job Duties and Responsibilities

- Build 1 meter and .4 meter robotic telescopes from the base up.
- Install subsystems for motor controls and monitoring.
- Assemble electromechanical air brake and other vacuum systems on telescopes.
- Work on control modules and assemblies, prototypes and production models.
- Assembly of electronic instruments including to fabricate control harnesses, installing connectors, pins and terminals for custom manufacturing.
- Troubleshoot, modify and repair electrical and electronic systems using schematics and mechanical drawings provided by engineering.
- Set up test gear for systems including, spectrum analysers, proprietary data acquisition systems, thermal and velocity sensors.
- Label and install wiring in electrical control panels using engineer's documentation and specified procedures.
- Work with ohm meters, soldering stations, oscilloscopes and similar electronic shop instruments.
- Interact and problem solve with engineers and technicians assisting with instrument removal and installation on telescopes.
- Work with basic AC high voltage components and power interface.
- Installed PLC control systems.

-Assembled cryogenic and thermal cooling racks.

### **Production Manager/ Senior Technician**

Gimel Production Services - Santa Barbara, CA

2000 to 2010

#### Job Duties and Responsibilities

- Installed and maintained equipment for professional recording studios and other media facilities.
- Maintenance and repair of analog and digital tape machines, musical instruments, microphones, speakers, amplifiers, mix consoles and studio outboard effects equipment in studios.
- Lay out, design and installation of audio racks, patch bays for control rooms and studio interface systems, including sound stages and mobile recording trucks.
- Advance technical specifications for concert productions including venue resources and crew.
- Working with touring engineering crews and local technical crews on tour.
- Fulfilled the responsibilities and duties of a Production Manager and a Stage Manager on tour.
- Managed equipment and it's transportation from city to city, was there to receive the equipment helped with load in and was there for the load out to its end.
- Advanced and toured Europe, America, Central and South America in most premier national auditoriums and venues with world class rock bands.

### **Recording Arts Lab Instructor**

Full sail University - Winter Park, FL

2005 to 2006

#### Job Duties and Responsibilities

- Lab Instructor in the Recording Arts Department at Full Sail University.
- Conducted two recording sessions per day in the role of Chief Engineer.
- Taught students audio signal flow in the studio, analog and digital format recording techniques, application of digital and analog outboard equipment and synchronization between digital and analog formats.
- Migrated projects via network digital storage systems from the tracking studio, overdub studio, mixing and mastering studio using industry standards and protocols.
- Completed school's curriculum in all sessions testing and evaluating the students on their production processes.
- Led a practical shop course with emphasis on practical studio chores from assembling and aligning a pro tools system or a tape machine, practicing soldering skills, minor troubleshooting and repair.

### **Director of Sales Latin American Territory**

Event Electronics - Santa Barbara, CA

1997 to 2000

#### Job Duties and Responsibilities

- Traveled extensively in Mexico and South America demonstrating the use of pro-audio digital recording software and hardware.
- Hosted clinics and seminars at trade shows, music schools, music stores and Universities evangelizing our products.
- Established distributor networks for pro-audio software and hardware products in my territory.

-Applied recommended sales strategies, product marketing and advertizing campaigns directed to the specific market.

### **Senior Audio Technician / Recording Engineer**

Gateway Studios - Santa Barbara, CA  
1984 to 1997

#### Job Duties and Responsibilities

- Installed and maintained recording systems and equipment in the studio.
- Set up daily recording sessions for studio clients.
- Worked as a second engineer to visiting engineers working in the studio
- Worked on many audio projects from books on tape to full record company album projects.
- Managed electronics shop, parts and documentation.

## Education

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### **Fine Arts**

University of the Americas

### **Fine Arts / Radio TV & Film**

North Texas State University - Denton, TX

## Links

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<http://www.linkedin.com/in/juanrgarza>

## Additional Information

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100% fluent in Spanish and English.

Forklift certified

CPR/First Aid certified

I like the outdoors, the internet, science, electronics, travel, computers, fine arts, fishing, astronomy and communications.