

Name CET  
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## **PROFILE**

Certified Industrial Electronics Technician with extensive high technology experience. Adept in performing equipment installations, maintenance and repairs on technology tools using electronic test equipment; knowledgeable in all areas manufacturing and robotics; and excel in analyzing and solving problems.

## **KEY SKILLS**

- Electrical test equipment
- Digital Circuits
- Chemistry
- Amplifiers
- Fine Mechanics
- Robotics
- DC servo motors
- Oscilloscopes
- High Voltage Probes
- Power Supplies
- Logic Probes
- Stepping Motors
- Analog Circuits
- High Tension
- Sense of urgency

## **PROFESSIONAL EXPERIENCE**

### **Field Service Engineer – (2006-Present)**

Company, City, ST

Responsible for installation and maintenance of Robotic Optical Inspection Stations(150mm-300mm), Video Measurement Systems, and Automated Wafer Loader Inspection Systems

-Component level troubleshooting specialist

-Able to resolve difficult to solve equipment issues alone or in a team environment

-Superior Customer relations skills

### **Senior Field Service Engineer – (2001-2006)**

Company, City, ST

Responsible for the installation and maintenance of eight 200mm and 300mm Dual Beam, (SEM and FIB), failure analysis tools.

-Technician of the Year 2002

-Superior electronic/mechanical skills resulting in the highest equipment uptime of any installed base

-High Customer satisfaction resulting in repeated service contract renewals

-Skilled in High Vacuum Technology

-In-depth understanding of Beam Physics and sample interaction

**Field Service Engineer - (1997-2001)**

Company, City, ST

Responsible for installation and on site troubleshooting of 372, 472, 676, 776 and 876 200mm-300mm MOMENTUM CMP Process tools at various Domestic/ international customer sites. Involving up to 50% travel.

- Experienced user MS-DOS, UNIX, and Windows Operating Systems
- Experienced Electro-Mechanical Controls Troubleshooter Using FLUKE SCOPEMETERS
- Advanced Electrical and Electronic Troubleshooting Skills
- Experienced Automation Controls Technician, Genmark, Hine, and Equipe Robots
- Knowledgeable in Chemistry and Physics
- TEAM PLAYER

**QA\ Field Service Technician - (1995-1997)**

Company, City, ST

Responsible for the installation and testing of electronic/mechanical Gas and Chemical systems used in semiconductor wafer fabrication. Consistently produced results beyond expectations of supervisors and Customers.

**Semiconductor Gas/Chemical Technician - (1993-1995)**

Company, City, ST

- Entry level to Lead Gas Technician at Customer Sites.
- Knowledgeable in hazardous production process gases

**Education and Credentials**

Certified Electronics Technician Industrial (2009)

Certified Associate Electronics Technician (2008)

CIE, ELECTRONICS TECHNOLOGY, (2000)

United States Navy Nuclear Power School, Orlando, Florida

Industrial Technology  
Cal Maritime, Vallejo, Ca

H.S. Diploma  
Serra High School, San Diego, Ca

**PROFESSIONAL REFERENCES and CERTIFICATION DOCUMENTS**

Available upon request