

**Desmond Mobley**  
**dez.mob@Gmail.com**  
**(970) 632-3373**

---

## **MOST RECENT EMPLOYMENT**

### **Wireless Semiconductor Instructional Systems Designer/ Training Specialist/ Lead Operator Broadcom/Avago Technology- Fort Collins CO- 10/2014- 01/2018**

*Increases Production Line efficiency under Engineer discretion by generating new or modifying existing tool operating Instructions per company policy prior to updating systems to reflect evolving procedures*  
*Lead operator/ T3 and trainer with night shift experience*  
*Responsible for quality control and efficient manufacturing*  
*Certified to 6 and 8 inch wafer processes*  
*Focuses on safety and contamination control at all times*  
*Maximizing tool utilization and performance*  
*Qualifies new and existing tools throughout multiple fab buildings*  
*Updates SPC/SQCS statistical programs to reflect accurate data of tool and or fab performance according to passing/failing results*  
*Interprets SPC/SQCS graphs/charts to determine adjustments needed and notifies engineers of altering performance*  
*Extensive knowledge in bare silicon and post material dry /wet etch (Phase 3 Line tech skill set).*  
*Advanced skills troubleshooting LAM Research tool configurations(Phase 4 Process tech skill set).*  
*Troubleshoots and promptly addresses minor tool errors interruptions*  
*Highly proficient with deposition tools and interpreting measurements compilations of metrology tools*  
*Experienced with Nikon photolithography processes*  
*Involved in resolving complex work cell issues lacking predetermined instructions for solutions deriving from expected scenarios*  
*Member of company safety/ 5S team*  
*Understanding of tool networking systems communicating with primary hosts.*  
*Primary contact for Equipment Maintenance technicians and Contracted Company Representatives*

## **WORK HISTORY**

### **Metal Injection Operator**

*Advanced Forming Technology- Firestone CO- 06/2014 to 09/2014*

### **Caregiver**

*Synergy Home Care - Cheyenne, WY - 02/ 2014 to 05/ 2014.*

### **Deputy Probation Officer**

*8th District - Fort Collins, CO - 08/ 2013 to 01/2014.*

### **Installer P.T.**

*Spencer Brother Garage Door Company- 04/2014 to Present*

## **EDUCATION**

### ***B.S. in Psychology.***

*Troy University - Troy, AL- 2011-2014*

### **M.S. Clinical Mental Health Counseling**

*Argosy University - Denver, CO- 2014- Present*

## **MILITARY(2007-2011)**

### **United States ARMY-West Point NY/ South Korea**

*Command Suite Driver*

*Central Material Services /Forward Surgical Team Scrub/ Endoscopy Technician*



