

# Carlos Serna

## **CNC MACHINIST**

Colorado Springs, CO 80916

[SERNACN@MSN.COM](mailto:SERNACN@MSN.COM)

719.359.1921

- \* CNC machine set up/operator.
- \* Experience in CNC CAP/CAD programming software; Computer literate in the entry of data.
- \* Fab Clean Room "Specialist".
- \* Schooled in areas of Technology.
- \* Well organized, timely, and accurate.
- \* Dependable / reliable reputation.
- \* Experienced in fast pace production environments.
- \* Longevity in the workplace.

Authorized to work in the US for any employer

## Work Experience

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### **Shuttle Bus Driver**

DISCOVERY GOODWILL / USAFA - Colorado Springs, CO

January 2016 to July 2019

Current position

### **CNC Machinist**

MAGNUM MFG. - Colorado Springs, CO

September 2006 to July 2012

Colorado Springs, Colorado

- \* Set up and operated CNC vertical machining centers.
- \* Posses own tools.
- \* Able to inspect parts using various inspection equipment.
- \* Good communication / documentation skills.
- \* Minor to good experience in M/S WORD and M/S EXCEL.

### **Photo Stencil Operator**

Thin Metal Parts, Eagle Electronics - Colorado Springs, CO

December 2005 to September 2006

Colorado Springs, Colorado

- \* Laminate with resist, expose, and develop metal sheets for "solder stenciling" and "Thin Metal Parts".

### **Fab specialist, clean room**

ATMEL Corporation - Colorado Springs, CO

April 1994 to April 2005

Colorado Springs, Colorado

- \* Ten of eleven years fab experience as a "Watkins Johnson Specialist" in the "Thin Films" area.
- \* Developed a "Muffle Etch Procedure" for "Watkins Johnson" chemical vaporization tools.

\* Responsible and took ownership for the overall performance of our area.

\* Training of operators.

\* Sustained tool:

1. Injector changes.
2. Edit gas flows to achieve correct concentrations of gases with use of "Nicolet".
3. Edit belt speed adjustments.
4. Able to perform complete tear down and assembly of tool for a "Muffle Etch".
5. Develop recipes for "Prometrix".

### **CNC Machinist**

TAD Technical Services - Denver, CO

1990 to 1993

PLACEMENTS:

1. AMI Industries Colorado Springs, Colorado
2. Atlas Pacific Pueblo, Colorado
3. General Machine Colorado Springs, Colorado

Work experience 'd.

### **CNC Machinist**

Texas Instruments - Colorado Springs, CO

1984 to 1990

Colorado Springs, Colorado

\* Set up, operated, trained operators, and edited CNC vertical machining centers.

\* CAP/CAD CNC "Model Shop" programming experience.

\* Designed and fabricated milling machines "BALL LOCK FIXTURING" risers for quick install of fixtures to milling table of three CAP/CAD machines.

### **CNC Machinist**

Cole Manufacturing - Denver, CO

1978 to 1984

Machinist Apprenticeship

## Education

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### **CNC PROGRAMMING ALGEBRA**

Pikes Peak Community College

August 2002 to May 2003

### **VACUUM SYSTEMS SEMICONDUCTOR TECHNOLOGY**

IC FAB Institute - Colorado Springs, CO

August 2002 to May 2003

### **Certificate in CADKEY TRIGONOMETRY**

Colorado Technical University - Colorado Springs, CO

September 1990 to January 1991

## **Machining Technology**

Community College of Denver - Denver, CO  
August 1974 to June 1978

## Skills

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- CNC MACHINIST (10+ years)
- Cnc Lathe
- CNC
- Cnc Mill
- Cnc Machine
- Blueprint
- Axis
- CAM Programming
- CNC Milling Machine

## Military Service

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**Branch: ARMY**

Service Country: United States

Rank: E5

April 1969 to April 1971

SENIOR ATOMIC DEMOLITIONS SPECIALIST SP/5

Commendations:

Our squad, in platoon of 5 squads, rated "BEST IN EUROPE " by the DEFENCE ATOMIC SUPPORT AGENCY.

## Certifications and Licenses

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**driver's license**