

# Dean F. Smith

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623-271-0553

## QUALIFICATIONS

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- CNC Mill Machinist – Over 30 years
- Mastercam Mill Programmer
- Team Lead and Machinist Trainer
- Prototype Parts
- Tooling and Fixturing

## EXPERIENCE

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### F.M. INDUSTRIES SEMICONDUCTOR MANUFACTURING EQUIPMENT

2000 - PRESENT

2101 WEST ROOSEVELT STREET, PHOENIX, AZ

- **Programs used:** Mastercam Mill / GeoPath CAD/CAM system
- **Machines worked on:** Mazak SQT15 Vari-axis 500, VTC 16 and VTC 300 Mills, Haas VF3, VF3 - TR, VF6, VM3
- **Materials used:** 6061 Aluminum, different varieties of plastics, stainless steel, and ceramic
- Set up, Operate, and Program Haas Mills
- Team Lead Night shift
- Responsible for a variety of complex operations and duties in a production environment
- Program/set-up/operation on various mills
- Knowledge and research of advanced ceramic machining
- Process planning, fixture design
- Manufacture parts for the semi-conductor industry
- Utilize Mastercam software to manufacture parts

## METALIZED CARBON, CORP

1989 - 2000

19 SOUTH WATER STREET, OSSINING, NEW YORK

- **Programs used:** Mastercam
- **Machines worked on:** Hardinge Slant Bed Lathe
- **Materials used:** Carbon graphite
- Set Up, Operate and Program Hardinge Lathes
- Team Lead in CNC department
- Directly supervised 8 employees in the CNC department
- Carried out supervisory responsibilities in accordance with the organizations policies and applicable laws
- Responsibilities included training employees; planning, assigning, and directing work; appraising performance; rewarding and disciplining employees; addressing complaints and resolving problems

## EDUCATION

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### 2019

- ADVANCED CAD/CAM CNC MASTERCAM PROGRAM 3/18/19 – 5/8/19
- CAD/CAM CNC MASTERCAM PROGRAM 1/14/19 – 3/06/19

### 2016

- CERTIFICATION OF INTERPRETATION OF GEOMETRIC DIMENSIONING AND TOLERANCING
- MASTERCAM CERTIFICATION OF MILL AND LATHE ESSENTIALS

### 2002

- CERTIFICATE OF PART PROGRAMMERS COURSE – MAZAK CNC MACHIING CENTER
- CERTIFICATE OF PART PROGRAMMERS LATHE COURSE – MAZAK CNC MACHIING CENTER

### 2000

- CERTIFICATE OF COMPLETION OF CNC ADVANCED COURSE

### 1998

- B.O.C.E.S. TECH CENTER – CERTIFICATE OF COMPLETION OF CNC BASICS COURSE

### 1997

- CIMQUEST, INC., CERTIFICATION OF MASTERCAM LATHE AND MASTERCAM 2D TRAINING

### 1984

- ROY C. KETCHAM HIGH SCHOOL

## RECOGNITION

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RECEIVED SPECIAL RECOGNITION FROM PRAXAIR, INC. FOR SUSTAINING A HIGH LEVEL OF PERFORMANCE THROUGHOUT THE YEAR AND FOR RECOGNITION OF EFFORTS TO ADD TO THE KNOWLEDGE OF CERAMIC MACHINING AND WILLINGNESS TO PASS ON THAT KNOWLEDGE TO OTHERS.

## REFERENCES

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PROVIDED UPON REQUEST