

# Robert Smith

## Associate Tool Designer

### PERSONAL STATEMENT

Looking to obtain employment for an organization that will fully utilize experience as a Product Designer or Mechanical Designer and at the same time allow professional growth within your organization. A seasoned and established designer and feel confident that can add value to your organization.

### WORK EXPERIENCE

#### **Associate Tool Designer**

**Leviton Manufacturing Co - 1995 - 2020**

##### *Responsibilities:*

- Many designs required pneumatic motors and components.
- Successfully led design effort on greater part of tooling for the Minuteman III Missile refurbishment program.
- Modified existing tooling to improve functionality, operator use, and fabrication cost.
- Created composite lay-up tooling and molds using complex surfacing.
- Designed tooling to incorporate mistake-proofing features and lean manufacturing concepts.
- Successfully designed tooling to support the production of Arrow interceptor missile components (Israel Military).
- Designed Mold cavity and cores for new products utilizing Solid Design and Solid Works software.

#### **Tool Designer**

**Delta Corporation - 1998 - 2001**

##### *Responsibilities:*

- Description Designing the tools for Automobile Industries.
- Worked on special purpose machine designs for ECIL, BHEL, BHPV ITW-Signode, MIDHANI like Indian government industries.
- During this role my contribution was Participating in Design discussions, Gathering design customer /design requirements Checking with Chief engineer .
- As a drafter/designer I learned company procedures in mold design, sampling and product development.
- Responsible for tooling prints, accuracy per company standards.
- Use and understanding of precision measuring equipment.
- Applied calculations in the design & testing of part sampling and mold cavities.

### Education

Associate of Applied Science in Computer-Aided Design in leadership  
- June 2013(El Paso Community College - El Paso, TX)

### **CONTACT DETAILS**

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### **SKILLS**

Skilled using MS applications, GD&T, ASME/ANSI Standards and ISO conformity.

### **LANGUAGES**

English (Native)  
French (Professional)  
Spanish (Professional)

### **INTERESTS**

Climbing  
Snowboarding  
Cooking  
Reading

### **REFERENCES**

Reference - 1 (Company Name)  
Reference - 2 (Company Name)