

# Robert Smith

## Assistant Mechanical Engineer

### CONTACT DETAILS

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### PERSONAL STATEMENT

8 years of experience as a Mechanical Engineer. Seeking a challenging & Mechanical/Project Engineer& position to practice design, develop, analyze, evaluate, and implementation methodologies.

### WORK EXPERIENCE

#### **Assistant Mechanical Engineer**

**ABC Corporation - July 2013 - July 2016**

##### Responsibilities:

- Created design drawings and specifications that manufacturers used or purchased which translated into new products.
- Designed communication or other systems mounting fixtures for aircraft vehicle integration.
- Selecting mechanics material base on computational mechanics force and selecting motor power base on computational driver / transmission torque in automation designing.
- Responsible for designing Ipad product test fixture from non-standard equipment design to mass production.
- Follow through the design process and organizing regular team communication meetings.
- Managed and guided the efforts of engineering in the research, development, and prototyping of current efforts integrated onto controlled aircraft.
- Functioned as a mechanical engineer/designer for multiple rapid development and prototyping projects.

#### **Mechanical Engineer**

**ABC Corporation - January 2008 - June 2013**

##### Responsibilities:

- Designed ruffle neck heater operated CNG compressor package for BWTA, Port Huron, Mi.
- Bluewater area transit (BWTA) operates the majority of its fleet on compressed natural gas using this CNG compressor package.
- Designed five stages of low inlet pressure (1049 SCFM) CNG compressor packages for Pierce transit, Lakewood.
- Pierce transit powers its bus fleet with compressed natural gas using these compressor packages.
- Designed 846-SCFM flows CNG compressor packages for central Ohio transit authority (COTA), oh.
- Designed cat c18 diesel engine operated nitrogen compressor packages for africa.
- Designed cat g3406ta engine operated CNG compressor packages for Bangladesh.

### SKILLS

Creo, Autocad, MS Office, Autocad, Project Management, Construction, Lean Manufacturing, Programming, Solidworks, Draftsight, SAGE 100 ERP, and Sheet Metal Fabrication.

### LANGUAGES

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

### INTERESTS

Climbing  
Snowboarding  
Cooking  
Reading

### REFERENCES

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