

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 piercing 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)