

# Robert Smith

## *Aeronautical Engineer*

### PERSONAL STATEMENT

Motivated and results-driven mechanical engineer with a proven track record of identifying technical requirements and developing valuable solutions for mechanical and thermodynamic processes.

### WORK EXPERIENCE

#### ***Aeronautical Engineer***

**ABC Corporation - April 2005 - January 2008**

##### *Responsibilities:*

- Verified feasibility using classical hand calculations coinciding with NX Nastran & FEMAP models 3D modeled & modified existing designs using SolidWorks Matlab/SimMechanics hose whip.
- Worked with engineers regarding model accuracy, design, drafting standards & change notice documentation.
- Worked with data & specifications submitted by designers & engineers using SolidWorks & drawings Specified dimensions & worked with engineers to confirm appropriate tolerances.
- Prepared the layout or engineering drawings of aircraft structures, wiring, machined parts, etc.
- Design, develop and maintain automated analysis software applications for use internally and by outside partners.
- Spearheaded development and implementation of several automated applications that led to significant improvements in productivity.
- Investigated aerodynamic and flight characteristic discrepancies.

#### ***Aeronautical Engineer***

**Delta Corporation - 2003 - 2005**

##### *Responsibilities:*

- Verified feasibility using classical hand calculations coinciding with NX Nastran & FEMAP models 3D modeled & modified existing designs using SolidWorks Matlab/SimMechanics hose whip.
- Worked with engineers regarding model accuracy, design, drafting standards & change notice documentation.
- Worked with data & specifications submitted by designers & engineers using SolidWorks & drawings Specified dimensions & worked with engineers to confirm appropriate tolerances.
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### **CONTACT DETAILS**

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[www.qwikresume.com](http://www.qwikresume.com)

### **SKILLS**

Adobe Creative Suite,  
Ansys Fluent, Ansys  
Structural.

### **LANGUAGES**

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

### **INTERESTS**

Climbing  
Snowboarding  
Cooking  
Reading

### **REFERENCES**

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

## Education

Bachelor of Engineering in Mechanical - 2010 ( Manhattan, NY)