

Clay Dawson

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Home: 18948 Maple Lane, Saegertown, PA 16433

Objective

To acquire an entry-level position in the mechanical design or manufacturing industry

Education

B.S. Aerospace Engineering	The Pennsylvania State University University Park, PA	Expected Graduation: Dec. 2015 Cumulative GPA: 3.15 Dean's List Fall 2012 Dean's List Spring 2015
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Related Coursework	<ul style="list-style-type: none">• Aircraft Design• Engineering Design with AutoCAD• Aerospace Structures	<ul style="list-style-type: none">• Aeronautics• Aerospace Technical Lab• Aircraft Stability and Control
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Work History

Engineering Intern	Acutec Precision Machining, Inc. Meadville, PA	May 2013 – August 2015
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- Use Solidworks and Catia CAD software to design fixtures used to manufacture Aerospace components
- Draw and check customer blueprint models in Solidworks for manufacturing programmers
- Draw process blueprints in Solidworks for the machinists' reference during production
- Create and apply an employee checklist in Microsoft Office to ensure a company-wide blueprint check method that would conform to customer specifications
- Create and apply a Statistical Process Control instruction manual in Microsoft Office for Quality Assurance employees to easily create and distribute accurate SPC charts for applicable parts

Maintenance	Crawford County Fairgrounds Meadville, PA	July 2012 – August 2012
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- Set-up and tear-down of sound and lighting equipment for various musicians and groups such as Alan Jackson, Kip Moore, The Band Perry, The Eli Young Band and more
- Fix broken water pipes, install fences and animal pens, routine fair grounds upkeep

General Laborer	Trace's Lawn & Landscaping Meadville, PA	July 2009 - July 2012
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- Assist Landscape Designer with landscape and yard layouts
- Plant trees and bushes, apply mulch, mow lawns, and install fences

Sandwich Artist	Subway Saegertown, PA	November 2009 – June 2011
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- Create sandwiches and handle money from over fifty customers per day
- Restaurant maintenance, upkeep, and general cleaning

Skills and Abilities

- Experienced in Solidworks, Catia, AutoCAD, and Pro-E CAD software
- Proficient in Microsoft Word, Excel, and PowerPoint