Bryce DeAlessio

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Objectives

Highly motivated self-starter seeking an opportunity to join the Pratt & Whitney Methods Group to help create Technology that improves the daily work-life our Co-workers and customers.

Strengths

Self Learner, Special knowledge of existing Company Airfoil Software. Self taught Python Programmer with 2 projects already included in Airfoil 2.0 Project.

Education

*B.S. In Progress - Mechanical Engineering Technologies, Minor in Computer Science.*

 Central Connecticut State University, New Britain, Connecticut 06050 (2016-current)

*A.S. in Mechanical Engineering Technologies (Jan 2010)* Naugatuck Valley Community College, Waterbury, Connecticut

* *President CAD/Engineering Design Club (2006-2007)*

*High School Diploma/NOCTI Mechanical Draftsman Certificate* Oliver Wolcott Technical High School, Torrington, CT 06790

Relevant Course Area's

* Computational Method's For Engineers.
* CAD Parametrics.
* Technical Writing

Experience

05/06 – Present: *Mechanical Draftsman, Pratt & Whitney | 1 Aircraft Road, Middletown, CT 06457.*  
Have held increasing responsibilities in Product Definition role from practitioner to Lead Design Draftsman. Expertise with compressor airfoil and related hardware definition, data creation and inspection data analysis.

* Experience in multiple CAD systems (Siemens NX, Autodesk Inventor, AutoCAD, 3d Studio Max, Geomagic, Gom3d)
* Advanced Surface Modeling in NX
* Advanced Parametric Modeling in NX
* ASME Y14.5 GD&T Experience
* Python Programing (data processing and NX Open)

06/01 – 05/06:*Industrial/Mechanical Draftsman, Jensen Mechanical Equipment | New Hartford, CT*  
Responsible for the design and routing of Industrial Chimney systems for bill of material quoting and sales.