# Bryce DeAlessio

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### Objectives

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

### Strengths

Motivated self-starter & self-learner. Analytical-thinker & problem-solver, special knowledge of existing company legacy ~~redacted~~ software. Enjoys working in collaborative, productive team environments.

### Education

B.S. In Progress - Mechanical Engineering Technologies with a minor in Computer Science. Central Connecticut State University, New Britain, Connecticut 06050. (2016-current)

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

* President CAD/Engineering Design Club (2005-2006)

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

#### Relevant Course Area's

* Computational Method's For Engineers.
* 3D Parametric CAD.
* Technical Writing

### Computing Skills

#### Programming Languages(descending order of fluency):

* Python, Matlab, HTML, Javascript, NXOpen, Visual Basic

#### Version Control Systems(descending order of fluency):

* Git, Github, SVN

#### Operating Systems:

* Microsoft Windows, Ubuntu & Red Hat Enterprise Linux

#### CAD/Engineering Software(descending order of fluency):

* Siemens NX CAD, Siemens Teamcenter, Gom3d, Geomagic, Autodesk Inventor, 3D Studio Max.

#### Other Software:

* MS Office, Camtasia Studio(screen capture), P&W Proprietary airfoil Software.

### 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
* Advanced Surface Modeling in NX
* Advanced Parametric Modeling in NX
* Familiarity with Model Based Definition
* ASME Y14.5 GD&T Experience
* Programing - Python & other Languages for data processing and NX Open.

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