



SEAN CHRISTY

Manufacturing Designer

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Experience

BAE Systems Endicott, NY

Assembler I contract labor

August 2025 - Current

- J-Standard Class 3 Soldering Certification
- Continuous improvement: Actions Kaizen
- Hybrid bus PCB Repair, inspection
- F16 program Wire Harness Solder Assembly

McIntosh Laboratory Inc., Binghamton, NY

Industrial Designer (Graphic Design Coordinator)

September 2019 to January 2025

- Mechanical Design of Prototype Products
- 3d CAD Solidworks Modelling and Rendering in Keyshot
- Electronics prototype Assembly and evaluation
- Incorporated Solidworks Drawings into Engineering's drafting process

Quest-Global Windsor, CT

Associate Engineer, January 2019 to June 2019

- Administered engineering changes for Pratt and Whitney's F-22 Raptor Program

Playpower Inc. Lewisburg, PA

CAD Designer, July 2017 to October 2018

- Designed playground structures using AutoCAD, Solidworks, Keyshot, and 3DS MAX to create 3D visualizations and sales packages for Marketing Materials.

Best Buy Muncy, PA Sales Consultant August 2014 to May 2

- Home Theater and Appliance Sales

Skills

- SolidWorks 3D Parametric Modeling
- Mechanical Design Drafting
- Adobe Photoshop, Illustrator
- Keyshot Renderer
- Autodesk AutoCAD, Inventor, Fusion 360, Revit
- Blender & Rhino mesh modelling
- Concept Design and Sketching
- Storyboarding and Mind Mapping

Education

Broome Tioga Workforce OITP Advanced Manufacturing Certificate May-June 2025

- 5S Lean, Technical Writing, Soldering, Machining, Blueprint creation, Battery Assembly, Quality Control, Root Cause, OSHA Standards, Six Sigma

Syracuse University Syracuse, NY

Guest Design Speaker February 2024

- Panel guest speaker for Senior Industrial Design Students

Pennsylvania College of Technology (Affiliate of Penn State), Williamsport, PA, Bachelor of Science in Industrial and Human Factors Design, Minors in Marketing and Business Administration

2013-2017

- Industrial Design Faculty Award 2017
- GE Keystone Senior Project with General Electric Boroscopes in Schenectady, New York
- User-centric design principles
- LEAN manufacturing & 6S
- Rapid prototyping processes (3d printing)