

Dylan Nagy

Industrial Designer

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“From an early age, I would look at objects around me and ask why it was designed that way and what would it be like if it was designed differently. As a child, I began to take things apart to understand how they worked, then I would put them back together in a different form with a new function, some successful, some not so. It seemed only natural that I would take this passion for product design and functionality and turn it into a career.”

Results-focused, enthusiastic, and innovative Industrial Designer. Skilled in creating detailed 3D models and prototypes using computer-aided design (CAD) software. Seeking a challenging position with a dynamic organization.

PROFESSIONAL EXPERIENCE

Industrial Designer-Head of 3D Printing Operations November 2022-current
ToryTown Sculpture, Bristol, PA

- Manage end-to-end design process for medical demonstration models, ensuring specifications and deadlines are met.
- Collaborate with team members to understand project requirements.
- Expertly design 3D models utilizing Rhino software.
- Manage 3D printing projects to ensure the accuracy of models and prototypes.
- Responsible for the maintenance and operations of 3D printers.

Mechanical Estimator/CAD/Revit Design Assistant February-October 2021
Buist, Inc., Monmouth Junction, NJ

- Assisted with the design and layout of HVAC ductwork and piping utilizing CAD/Revit software.
- Reviewed technical documents.
- Functioned as project estimator in development of cost proposals. Determined list of material takeoffs to define quantities of work materials.
- Worked with team members to ensure the generation of accurate cost summaries.

EDUCATION

Industrial Design Intern June-August 2018
JLG Industries, Hagerstown, MD

- Designed a lighting solution to be used on JLG boom lifts. Developed guidelines and point of entry into the market. Created hand sketches and renderings in Autodesk and Photoshop. Utilized Rhino to create 3D models of LED spotlighting and conceptualized APP integration.
- Presented a concept board and 3D printed parts of my lighting solution attached to a JLG boom lift model to the CEO, Marketing and Engineering departments.
- Participated in a vendor meeting for injection molded parts and attended training classes provided to interns.

B.S., Industrial Design
Philadelphia University
Kanbar College of Design, Engineering and
Commerce
Philadelphia, PA

December 2020

SKILLS

- Expert in CAD software (e.g., Rhino, Solidworks, Keyshot).
- 3D modeling and printing expertise with different materials and processes.
- Prototyping and material selection.
- Proficient in design and visualization software (e.g., Adobe Creative Suite).
- Skilled in operation and maintenance of 3D printers.
- Ability to effectively communicate and collaborate cross-functionally.