

Nick Heitmann

Designer & Engineer // Technically Proficient, Ambitiously Imaginative.

Education

BFA, Industrial Design, Departmental Honors

- › Human-centered design program in contextual research, creative solution development, and iterative testing
- › Versed in materials, manufacturing processes, and rapid prototyping

May 2023
Massachusetts College of Art and Design
Boston, MA

Associate, Mechanical Engineering

- › Focus on pure and applied mathematics for analytical problem solving
- › Excelled in visual storytelling, presented at school-wide public speaking event

May 2019
Northern Essex Community College
Haverhill, MA

Certificate, Computer Aided Drafting, Academic High Honors

- › Trained in AutoCAD and Solidworks
- › Versed in creating drawings, components, and functioning assemblies

May 2018
Northern Essex Community College
Haverhill, MA

USAF // Airman Leadership School

By order of Massachusetts Air National Guard

- › Leadership education for promotion to Staff Sergeant:
team communication, team growth, negotiation, and delegation

December 2021
Remote

USAF // Aerospace Propulsion Certification

By order of Massachusetts Air National Guard

- › Certified in Maintaining F-15 fighter jet engines (Pratt & Whitney F100-220),
including engine removal, installation, and repair

July 2017
Sheppard AFB
Wichita Falls, TX

Experience

USAF // Staff Sergeant, Aerospace Propulsion Maintenance

- › Monthly military service, annual summer training
- › Maintaining F-15 fighter jet engines and secondary power system
- › Assisting in supervising and training of new Airmen
- › Prior security clearance
- › Green Dot Certified

September 2016 – September 2023
MA Air National Guard, 104th Fighter Wing
Westfield, MA

Thermoplastic Extrusion Engineering Intern

- › 3D modeling extrusion dies
- › Organizing/compiling manufacturing data sheets
- › Assisting in production of highly specialized extruded thermoplastics

June 2018 – August 2018
ARC Technologies
Amesbury, MA

Awards

U.S. Air Force Basic Military
Training Honor Graduate

104FW Maintenance Squadron
Airman of the Year 2019

104FW Propulsion Element
Airman of the Quarter 22Q3

104FW emergency response
exercise superior performer

Skills

Adobe Creative Suite
Sketchbook Pro
Solidworks
Figma App Prototyping
Keyshot
Laser Cutting
Woodworking
3D Printing
Ableton Live

Contact

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