Janna Gilleman

Email: jannagilleman@gmail.com | **Phone:** 413-687-8121
Linkedin: https://www.linkedin.com/in/janna-gilleman-034080227/
Website: www.jannagilleman.com **Location:** Northampton, MA

EXPERIENCE

Jarvis Surgical, Westfield MA— General Intern
2019-2020 Summers (Bioengineering firm)

- Edited surgical implant manufacturing blueprints (OP-sheets) for the engineering team in SIEMENS NX.
- Worked multiple machines manufacturing high precision surgical knee, ankle, and shoulder implants. (Sand Blaster, Tormach mill, CMM, Laser Engraver).
- Quality inspected final implants and readied them for shipping.

Sustainable Materials Lab, Smith College— Research Assistant
June 2021 - February 2022

- Fabricated and tested new sustainable flax composite material; study of size effect.
- A new position was created for me to design a sustainable vacuum infusion rig, as well as to create devices that allowed for the standardization of the tabbing process, increasing the amount of collectable data for the study on size effects.
- Tested composite material strength using Instron instrument.

Tiny Foundations, Essex CT— General Intern and CAD artist
June 2022 - September 2022 (Tiny House company)

- Research and design for a large sustainable community.
- Design of 2 new tiny house stock models based on consumer demographics.
- Assembled custom steel framed Tiny House on wheels.
- Made several models and renderings of their stock houses in Blender and was hired to continue this work.

EDUCATION

Smith College, Northampton MA— General Engineering

- September 2020 - expected graduation Spring ‘24; Overall Grade Point Average 3.80/4.0
- BS Engineering Major, Concentration in Sustainability

Hartsbrook High School, Hadley MA— Graduate 2020

- Middle - High School; Overall Grade Point Average 4.16/4.16
- A Waldorf School revolving around inner development in parallel to standard education. Centers on hands-on learning in the natural environment.

SKILLS

Virtual: Code {C, C++, R, Python, Java, Javascript, CSS, HTML, Assembly}; CAD {Fusion 360, Blender, AutoDesk, Siemens Nx}; Adobe {After Effects, Lightroom, Animate, Photoshop}; Misc {Logic Design, Rstudio, Matlab, Vscode, Github}; Microcontrollers {Arduino, Rasp Pi, Mbed}
Physical: 3d printing, brazing, woodworking, blacksmithing, sewing

AWARDS

Audible Mention-Harvard Model UN 2018
Scholastic Writing Gold Key Award 2017