

Anna Lugthart
New Brunswick, NJ

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WORK EXPERIENCE

Northwestern University, Evanston IL

Student Shop Trainer

September 2017 to March 2020

- Teach students how to use mill, lathe, other tools
- Guide and assist students with projects, maintain student machine shop
- Responsible for keeping machines and tools organized and in working order, teaching students how to safely use facility, monitoring to prevent injury, giving project advice, acquiring skills and knowledge relating to manufacturing methods
- Supervise other shop trainers, maintain safe and friendly shop environment

Packsize, North Brunswick NJ

Resident Service Engineer

September 2021 -

- Conduct preventive maintenance and service on industrial box-cutting machines
- Troubleshoot mechanical, electrical, and pneumatic issues
- Teach operators how to safely use and service machinery
- Share knowledge of machines with other RSEs to grow a collective knowledge base

VOLUNTEERING

Immanuel Lutheran Tutoring

September 2018 to March 2020

- Assist elementary and middle school students with homework
- Help students develop skills like spelling and reading comprehension

EDUCATION

Northwestern University, Evanston IL

Bachelor of Science in Mechanical Engineering

June 2020

- Cumulative GPA: 3.502

SKILLS

- Machining, fabrication (milling, turning, grinding, TIG welding, etc.)
- Troubleshooting
- Drafting experience/knowledge
- CAD, 3D design tools (Solidworks, Unigraphics/NX)
- Finite Element Analysis (ANSYS, ANSYS workbench)
- GD&T
- Python, C, MATLAB, Arduino
- Wiring, embedded programming, PCB design, soldering
- Experience working with industrial robots and machines
- 3D printing
- Excellent verbal and written communication skills

Portfolio: <https://annalugthart.com>