

**Anna Lugthart**  
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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 robots.
- Teach operators how to safely use and service machinery.
- Report bugs, other issues as discovered.

## **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**

- Skilled in machining, fabrication (milling, turning, grinding, TIG welding, etc.)
- Drafting experience/knowledge
- Proficient in CAD, 3D design tools (Solidworks, Unigraphics/NX)
- Familiar with Finite Element Analysis (ANSYS, ANSYS workbench)
- Proficient in GD&T
- Proficient in Microsoft Office: Microsoft Word and Excel
- Proficient in Python, C, MATLAB, Arduino
- Experience with wiring, embedded programming, PCB design, soldering
- Experience working with FANUC industrial robots
- Experience 3D printing
- Excellent verbal and written communication skills