

# Community Example: Perfection Servo

## Manufacturing Internships

Perfection Servo provides a model for 10-week summer internships. Resources include electronic and hydraulic internship job descriptions and sample summer internship calendar.



## I-WIN

Illinois Work-Based Learning  
Innovation Network

# Attachments

1. Electronic Internship Description
2. Hydraulic Internship Description
3. Summer Internship Calendar



## Summer Electronic Internship 2023

**Duration**= 10 weeks

**Internship details** = Electronic Technician is responsible for trouble shooting, repairing and testing various electronic drives, controllers and pc boards.

Specifically you will learn to:

- Solder/Desolder electronic through hole components
- Solder/Desolder electronic surface mount components
- Repair electronic drives, controllers and pc boards
- Troubleshoot and test electronic components to board level, using various methods and testing equipment
- Repair and/or replace electronic components to board level, including but not limited to: diodes, transistors, resistors, capacitors, integrated circuits, other printed circuit components, etc.
- Verify repairs using start-up testing procedures
- May also include various other department projects

Below is a general weekly guideline:

- Solder / Desolder training. Week 1
- Solder/ Desolder SMT training Week 1
- Huntron Tracker/ Oscilloscope/ Multimeter training Week 2
- Power supply repair Weeks 3-4
- Component level repair Weeks 5-6
- Dc drive repair Weeks 7-8
- Low Horsepower AC drive repair Weeks 9-10

**Pay Rate** = \$15.00-\$17.00 per hour/ 20–40 hours per week

To learn more about our company, please take a minute to view our brief video by clicking on the link <https://vimeo.com/138160912>.

Company website <http://www.perfectionservo.com/>

To apply: please contact Karen Hossfeld, HR Manager @ 630-593-6264 or [khossfeld@pshinc.com](mailto:khossfeld@pshinc.com)



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S E R V O  
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## Hydraulic Summer Internship 2023

**Duration**= 10 weeks

**Internship details**- Each week the intern will spend 4 days working in one of the various departments and 1 day paired with an experienced industrial hydraulic repair technician.

Below is the duration and locations the intern will flow through during the course of the internship.

- Hydraulic Prep and Teardown -2 Weeks
- Hydraulic Test – 2 weeks
- Machining/Cylinders – 1 week
- Paint/Shipping – 1 week
- Servo Lab – 2 weeks
- Servo Motor – 2 weeks

**Pay Rate** = \$15.00-\$17.00 per hour/ 40-50 hours per week

To learn more about our company, please take a minute to view our brief video by clicking on the link <https://vimeo.com/138160912>.

Company website <http://www.perfectionservo.com/>

To apply: please contact Karen Hossfeld, HR Manager @ 630-593-6264 or [khossfeld@pshinc.com](mailto:khossfeld@pshinc.com)



# 2022 Electronic Internship Schedule

April						
S	M	T	W	T	F	S

MAY						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

JUNE						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

JULY						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

AUGUST						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September						
S	M	T	W	T	F	S

**KEY:**

- Solder/Desolder
- Huntron/  
Oscilloscope/
- Power  
Supplies
- Component  
Level
- DC Drive
- Low HP AC  
Drive
- Holiday