# Landen Points

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**OBJECTIVE:** Seeking a summer internship in the power systems industry where I can apply my academic knowledge in electrical engineering. Eager to contribute to real-world projects, enhance my technical skills, and gain valuable industry experience to support a future career in power systems.

## EDUCATION

**Iowa State University**                                                                               Anticipated: May 2028
*Bachelor of Electrical Engineering, (GPA: 3.48)*                                                Ames, IA

**Iowa Western Community College**                                                                        May 2024
*Engineering Transfer, (GPA: 3.47)*                                                         Council Bluffs, IA
  • **Related Coursework:** Motors and Controls, Residential Wiring

## WORK EXPERIENCE

**Electronics Technology Group**                                                                   2025 – Current
*ECPE Student Engineer*                                                                                  Ames, IA
  • Design, implementation, and troubleshooting of a large LED matrix video wall using RPI3 and HUB75, enhancing hands-on experience in embedded systems and digital displays
  • Assist in managing and maintaining electrical engineering labs, ensuring proper functionality and availability of equipment for student use

## PROJECTS

**ISU Audio Club – Project Management, Analog Schematics and PCB Design**
  • Designed and presented the Thyris Kick Drum Circuit, educating the club on analog drum synthesis

**DIY Guitar Effect Pedal Designing/Building**
  • Engineer custom analog filter banks and integrated digital logic for audio application

## LEADERSHIP & INVOLVEMENT

**ISU Audio Club**                                                                              August 2024 – Current
  • Lead PCB design and parts coordination for club projects, presentations for education

**SkillsUSA**                                                                              August 2022 – May 2024
  • Competed in and won state-level Electronics Technology events, led the Quiz Bowl team

**Business Professionals of America (BPA)**                                            August 2023 – May 2024
  • Competed in Linux Operating Systems and Information Technology events

## TECHNICAL SKILLS

**Hardware:** Residential Wiring, Motor Controls Wiring, PCB/Circuit Design, Soldering
**Software:** AutoCAD, KiCad, Microsoft Office Suite, GitHub, Linux Operating System
**Programming:** C, Python, Bash

## HONORS/AWARDS

**Iowa SkillsUSA Electronics Technology** – Gold                                               (2023, 2024)
**Iowa Business Professionals of America Linux Operating Systems** – Gold                            (2023)