

# DANIEL KIM

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LinkedIn

## Electrical Engineering Student with Strong Circuit Design and Troubleshooting Skills

Dedicated electrical engineering student with experience in power systems, circuit analysis, and embedded systems. Adept at using MATLAB, AutoCAD, and PCB design software for prototyping and testing.

## Professional Experience

May 2024 - Present

### Electrical Engineering Intern XYZ Electronics | City, ST

- Helped design and test electrical circuits, reducing prototype errors by 15%
- Programmed microcontrollers for automation projects using C++ and Python
- Collaborated with senior engineers on power system analysis

September 2023 - May 2024

### Research Assistant University Electrical Engineering Lab | City, ST

- Developed an energy-efficient power distribution system for a smart grid project
- Designed and tested printed circuit boards (PCBs) for electronic devices
- Conducted research on renewable energy sources, presenting findings at a student symposium

## Education

**Candidate: Bachelor of Science in Electrical Engineering** University of Illinois Urbana-Champaign | Expected May 2025

## Key Skills

	Circuit design and troubleshooting
	Power systems analysis
	Embedded systems programming
	PCB design and layout
	MATLAB and Python