

Angela Adams

Electrical Engineer

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Recent EE graduate with one year of internship experience in power electronics and embedded hardware. EIT certified, comfortable on the bench with oscilloscopes and load banks, and looking for a junior role on a design or test team.

Professional Experience

ELECTRICAL ENGINEERING INTERN | SUNRIDGE INVERTER LABS, TEMPE, AZ | SUMMER 2023 AND 2024

- Built test fixtures for a 5 kW DC-DC converter prototype and ran efficiency sweeps across three load profiles.
- Wrote a Python script that pulled data from the Keysight DAQ and cut report-prep time from about 3 hours to 25 minutes per test cycle.
- Captured schematic edits in Altium and pushed cleaned BOMs to the procurement engineer for two board revisions.
- Sat in on design reviews and logged action items for the senior EE leading the project.

UNDERGRADUATE RESEARCH ASSISTANT | ASU POWER SYSTEMS LAB, TEMPE, AZ | 2022 – 2024

- Assisted a PhD student modeling fault behavior on a 13.8 kV distribution feeder in PSCAD.
- Co-authored a poster presented at the IEEE regional student conference.
- Maintained the lab's relay test set and updated the calibration log.

Education

B.S. Electrical Engineering, Arizona State University, 2024

GPA 3.7 / 4.0

Engineer in Training (EIT), Arizona, 2024

Senior Capstone: 1.5 kW solar microinverter prototype

Key Skills

- Altium Designer
- Python (PyVISA, pandas)
- Oscilloscope, DAQ, load bank
- Soldering, SMD rework
- LTspice, PSCAD, MATLAB/Simulink
- C for embedded (STM32)
- KiCad
- Git