ANNIE GOLLADAY

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EDUCATION

Bachelor of Science in Electrical Engineering | Minor in Entrepreneurship August 2026

J.B Speed School of Engineering, University of Louisville GPA 3.4/4.0

Brown Forman Engineering Academy, 2022 Cohort

EXPERIENCE

GE Appliances, A Haier Company

Electrical Engineering Co-op – Dishwasher May 2025-August 2025

- Implemented a battery and board change to enhance portability and efficiency of reflashing units
- Integrated boost converter and battery charging ICs into the Bridge Board
- Designed and tested low battery indicator and overcurrent shut off circuits utilizing LTspice
- Developed schematic and layout with Cadence

Electrical Engineering Co-op – Power Electronics August 2024 - December 2024

- Managed multiple tasks including soldering, assembling wire harnesses, and monitoring Accelerated Life Testing (ALT) chambers
- Performed comprehensive testing on induction cooktops and ranges to assess efficiency, safety, and compliance
- Presented critical data to implement new engineering test procedures, advancing product quality

REACH – University of Louisville

Peer Tutor and PAL Leader August 2023 – May 2025

CRLA Level II Certified

- Provided in-class support by assisting the instructor and answering student questions
- Facilitated 20-30 student study sessions, reviewed key concepts and solved example problems to prepare students for exams
- Adapted quickly to individual student needs during drop-in tutoring sessions

SKILLS

- Microsoft Suite
- Python, C/C++, MATLAB
- Soldering – SMT/Thru-hole
- Circuit/PCB Design, Cadence, Altium
- AutoCAD, SolidWorks
- LTSpice, Multisim

INVOLVEMENT & PROJECTS

Redbird Robotics – Revived and led competition teams to design, wire, and program autonomous robots. Served as Team Captain for the 2024 ASEE Model Design Competition and as Team Captain and Treasurer for the 2025 IEEE SoutheastCon Hardware Design Competition.

Mask Press – Soldered, wired, and programmed an Arduino to control a press that fused elastic bands to medical masks and aid the mask shortage during the COVID-19 pandemic.