

EDUCATION

PURDUE UNIVERSITY

B.S Computer Engineering, Minor in Statistics – Honors Goss Scholars

August 2023 ~
May 2027

- **GPA:** 3.76
- **Specialization:** Computer Systems

WORK EXPERIENCE

HARDWARE ENGINEERING INTERN

Stryker-Vocera, San Jose CA

May 2026 -
August 2026

- Prototyped components for Vocera SyncBadge
- Validated BLE beaconing systems' compatibility with SyncBadge and presented solution
- Designed hardware and programmed GUI for power consumption data collection, to be used in validation of PCB function

ELECTRICAL ENGINEERING INTERN

Kimberly-Clark, Paris TX

May 2025 -
May 2026

- Designed electrical packages for upgrading machinery and IT systems, including PLC programs, safety circuits, and routing.
- Programmed a PyGame-based training simulation for line operators, focused on scalability using multithreading and OOP principles
- Used Splunk (SPL), VSphere, and OTBase to troubleshoot 100+ network switch statuses during capital projects and build documentation for plant wide network devices

DIGITAL SYSTEMS TEACHING ASSISTANT

Purdue University, West Lafayette IN

January 2026 -
present

- Facilitated three lab sections with 30+ students each
- Debugged SystemVerilog code during design labs
- Diagnosed wiring issues in student breadboard circuits during hardware labs

PROJECTS

END-END APHASIA SEVERITY PREDICTION

Advised by Dr. Yan Cong, CLA @ Purdue

<https://doi.org/10.3389/frai.2026.1857106>

January 2024 -
December 2025

- Demonstrated the use of LLMs in automatic aphasia detection on clinical conversations through finetuning and prompt engineering of Llama 3.2 model
- Extracted and filtered examples of speech from a database of 50k+ annotated lines of patient conversational data using Python (pandas)

BENCHTOP BUDDY (BiBi)

December 2025

- Designed the hardware for an autonomous desktop cleaning robot using KiCAD and simulations via SPICE
- Lead robot power system design

SKILLS

Languages: Python, C, SystemVerilog, Java, R, SQL, HTML/CSS, MATLAB

Tools: AutoCAD, KiCAD, ControlLogix, Splunk, TINA-TI SPICE