




Jackson Doyle

 (563) 213-9230

 jbdoyle1@iastate.edu

 Farley, Iowa 52046

PROFESSIONAL SUMMARY

Electrical engineering student excelling in VLSI and power systems. Adept in team leadership and hardware design, I drive innovative solutions while ensuring adherence to electrical safety standards. Passionate about delivering results and fostering collaboration within diverse teams.

SKILLS

Problem-solving

Circuit design

Power systems

Analog electronics design

2D and 3D modeling

CAD software

Team leadership

Electrical engineering standards

Electrical safety standards

Hardware design

EXPERIENCE

MEMBER, Ames, Iowa

Chip Forge, December 2025–Present

TREASURER

Iowa State Running Club, August 2025–Present

MEMBER, Ames, Iowa

IEEE, August 2023–Present

SUMMER TEMP, Dyersville, IA

Modernfold, May 2025–August 2025

EDUCATION

BACHELOR OF SCIENCE (B.S.) IN ELECTRICAL ENGINEERING CANDIDATE , Ames, IA, US

Iowa State University, Expected graduation December 2026

GPA 3.52

Extracurricular Activities

Running Club Treasurer

Member IEEE

Member Chip Forge

REFERENCES

References available upon request

RELEVANT SKILL APPLICATIONS

Project Work

Capstone Project: Develop a open-source radio microcontroller for fabrication. Develop front end components and analog circuit design. DAC design and collaboration with back end to achieve the project within desired parameters. Professional project with formal documentation and presentation for client. (in progress)

EE 3300: Developed a realizable to chip temperature sensing system

ENGL 3140: Developed a usability study on a university affiliated site and the results of that study were compiled into a technically sound report document to be presented.

CPRE 2880: Developed a Bluetooth based synchronous robot system. Using modified Roombas with integrated microcontrollers (CYBOTS) and additional Bluetooth connections two CYBOTS were operated at the same time using a remote gui. They would communicate and navigate through a field using integrated sensors and complete relevant tasks.

VOLUNTEER EXPERIENCE

EVENT STAFF/MODERATOR, Waukee/Epworth/Ankeny, Iowa

IQBL, August 2023–Present

- Provided guidance and training on use of tools and processes used by moderators for new moderators.
- Moderated quiz bowl games and helped events run smoothly.
- Assisted with ensuring smooth setup of the events.
- Contribute my own knowledge of quiz bowl to current players based on my own experience in highschool.
- 3 events per year, unpaid, 8-10 hours per event
- Ref: Jay Winter (contact info can be found on IQBL website)