

Andrew Berkeland

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EDUCATION

Clemson University Clemson, SC **Bachelor of Science in Electrical Engineering** May 2025

WORK EXPERIENCE

Dodge Industrial: January 2023 – August 2024 *R&D Electrical Engineering Co-Op (3, 4-month rotations)*

- Worked with the sensor research and design team to develop design improvements for company sensor products
- Conducted comprehensive research on thread technology to determine usefulness to incorporate into the product line.
- Developed and prototyped a new sensor to detect oil quality. Leveraged soldering, coding, solidworks and PCB design skills to build, test and redesign.
- Tested and sorted over 3000 sensors with manufacturing defects to determine resale viability.

Mellow Mushroom: January 2021 – May 2025 *Kitchen Team Member Clemson, SC*

- Developed new skills in a fast-paced working environment
- Worked a variety of positions to meet the company's needs
- Prepared and cooked food for hundreds of customers daily

Chick-Fil-A: August 2017 – July 2021 *Front Of House/Kitchen Team Member Trainer Fort Mill, SC*

- Ensured guests were treated correctly and quickly.
- Trained and guided new team members for their first 3 months.
- Prepared meals for customers for one of the busiest fast-food chains in the nation

RELATED COURSEWORK

Circuits • Electronics • Electrification of Transportation • Electromagnetics • Solar • Signals • Calculus • Physics

TECHNICAL SKILLS

Altium Designer • SolidWorks • Microsoft Office • MATLAB • AutoCAD • Programming in C • Soldering

HONORS

South Carolina Palmetto Fellows Scholarship Recipient August 2020 – Present
Clemson Palmetto Pact Scholarship Recipient August 2020