

Adam Hemmert 614-580-3275 | hemmeraj@mail.uc.edu | hemmertadam@gmail.com |
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Education University of Cincinnati, Cincinnati, Ohio, *graduating May 2026*

Bachelor of Science, Electrical Engineering, GPA 3.87 to date

Masters of Business & Administration, Ascend program, GPA 3.95

Hilliard Davidson High School, Hilliard, Ohio, *graduated May 2021*

Top 10% of the graduating class with a GPA 4.4

Experience

GIRD systems, engineering co-op,

August 2024 - December 2024

- Performed hardware modifications, precision soldering, and comprehensive functional testing on 10+ advanced RF boards to meet operational standards.
- Engineered a robust test automation program with an intuitive user interface, streamlining hardware validation processes and improving efficiency.

GIRD systems, engineering co-op,

January 2024 - April 2024

- Assembled and tested 12+ radio units, including circuit board modifications, meeting specifications of government clients
- Developed asynchronous logic in VHDL for a government-funded research project
- Engineered a TCP network in C++ to enable remote control and automation of power supplies for in-house lab testing

American Honda - Auto Development Center, Engineer co-op,

May 2023 - August 2023

- Designed, revised, and issued 10+ CATIA electrical harness drawings to ensure Honda suppliers had accurate specifications for manufacturing harnesses for new vehicle models
- Conducted in-depth analysis of JD Power customer complaints and developed a proposal to improve vehicle electronic components and created a proposal to enhance customer education for a better user experience

American Honda - Anna Engine Plant, Line Support Controls Engineer co-op,

August 2022 - December 2022

- Enhanced the user experience of the RFID reader to minimize manual effort in non-production and repair processes
- Implemented a laser detection system to identify rocker arm jigs, boosting production run rate by ~10%, improving safety for line associates and protecting \$100,000+ Fanuc Robots

Team Fishel, Underground Laborer,

May 2022 - August 2022

- Delivered telecom services to enhance residents' internet access, gaining expertise in fiber installation, conduit setup, and landscape restoration, improving internet capabilities from 4 Gigs to 5 Gigs

American Honda - East Liberty Plant, Full-time Associate,

May 2021 - August 2021

- Inspected and repaired paint defects to ensure high-quality finishes on 800+ vehicles daily, collaborating with departments to address major issues and reduce costs

Skills, Interests, & Projects

- **C++, Python, VHDL, Verilog, PLC, Catia, Solidworks, Autodesk, micro-soldering, Microsoft Office**
- **Electronics & Woodworking**
Currently designing and constructing an end table with the capability to pour a drink on command
- **Woodworking**
Skilled woodworker experienced in epoxy pours, custom cutting boards, trailer repaneling, and creating durable outdoor furniture
- **3D LED Cube**
Built and programmed a remote-controlled LED cube to display a 3D light show
- **3D Printing + Electronics**
Developed and coded a remote-controlled, 3D-printed quadruped robot in Spring 2023
- **Web Development**
Designed and developed a new website ([Buckeye Rowing Club](#)) for a non-profit Ohio high school rowing club
- **Intramural Sports (Honda)**
Organized and led a team of co-op students in softball and volleyball leagues
- **Recreational Golf**
Regularly play 9 to 18 holes with friends and colleagues