Aaron Rinehart

✉ aaron.rinehart1@gmail.com | 🔗 aaron-rinehart1 | 📞 +1 (419) 308–7968

Education

Bachelor of Science, Electrical Engineering   Aug 2017 – Dec 2021
The University of Toledo, ABET Accredited   *Toledo, OH, USA*
- IEEE President
- TA of First Year Design Course
- Global Public Health Brigades President

Bachelor of Science, Computer Science and Engineering   Aug 2017 – Dec 2021
The University of Toledo, ABET Accredited   *Toledo, OH, USA*
- ACM Vice-Chair
- TA of Intro to Object Orieneted Prgramming Course
- Young Entrepreneur Society Treasurer

Career

Pre-Feature Owner   Oct 2022 – Present
Ford Motor Company   *Dearborn, MI, USA*
- Responsible for new EV feature from ideation to development
- Developed HARA, DFMEA, and other documentation for new EV feature

V2X Feature Development and Innovation Engineer   Feb 2022 – Sep 2022
Ford Motor Company   *Dearborn, MI, USA*
- Ideated and further developed new features in Stationary Moments and Commercial Electrification
- Researched and developed future features implementing blockchain technology
- Product Manager of Charge Assist

Autonomous Driving Development Intern   May 2021 – Aug 2021
Hyundai-Kia America Technical Center, Inc.   *Ypsilanti, MI, USA*
- Assisted with validation and troubleshooting for 17M dollar Tampa V2X pilot
- Created documentation and test plans for 5 new V2X applications
- Assisted with validation and troubleshooting of ADAS features

Electrical Engineering Intern   May 2019 – Aug 2019
The Wooseter Brush Company   *Wooster, OH, USA*
- Updated drawings of 6 legacy machines with safety improvements
- Troubleshot software incorporating sensors, IR cameras, and robots

---

Skills

- **Primary Languages:** Python, C/C++, Rust, MATLAB
- **Content Management:** Git, GitHub
- **Systems Engineering:** MagicDraw
- **CI/CD:** GitHub Actions
- **Databases:** SQL, DynamoDB
- **Automotive:** ISO26262, CANoe