


# Aaron Rinehart

✉ [aaron.rinehart1@gmail.com](mailto:aaron.rinehart1@gmail.com) |  [aaron-rinehart1](https://www.linkedin.com/in/aaron-rinehart1) | ☎ +1 (419) 308-7968

---

## Education

### Bachelor of Science, Electrical Engineering

*The University of Toledo, ABET Accredited*

Aug 2017 – Dec 2021

*Toledo, OH, USA*

- IEEE President
- TA of First Year Design Course
- Global Public Health Brigades President

### Bachelor of Science, Computer Science and Engineering

*The University of Toledo, ABET Accredited*

Aug 2017 – Dec 2021

*Toledo, OH, USA*

- ACM Vice-Chair
- TA of Intro to Object Oriented Programming Course
- Young Entrepreneur Society Treasurer

---

## Career

### Pre-Feature Owner

*Ford Motor Company*

Oct 2022 – Present

*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

*Ford Motor Company*

Feb 2022 – Sep 2022

*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

*Hyundai-Kia America Technical Center, Inc.*

May 2021 – Aug 2021

*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

*The Wooseter Brush Company*

May 2019 – Aug 2019

*Wooster, OH, USA*

- Updated drawings of 6 legacy machines with safety improvements
- Troubleshoot software incorporating sensors, IR cameras, and robots

---

## Competencies

🔗 **Primary Languages:** Python, C/C++, Rust, MATLAB

🔗 **Content Management:** Git, GitHub, GitHub Actions

🗄️ **Databases:** SQL, DynamoDB