

## EXPERIENCE

**Software Development Engineer | Ford Motor Company**

**July 2021 – Current**

**Software Development Engineer I (L4) | Amazon.com Inc**

**July 2020 – May 2021**

- AWS Development
- Implement new features and provide bug fixes for internal Amazon tools
- Write documents explaining feature proposals and results
- Provide 24-hour oncall support to services owned by team

**ORISE Intern | Air Force Research Laboratory: BATMAN Program**

**May 2018 – Dec 2019**

- Android application development
- Implement new features within the BATDOK Android app
- Discover and fix software bugs within the BATDOK Android app
- Work on the development of multiple Android and Wearable applications
- Write automated tests using JUnit and Espresso to ensure product stability
- SCRUM based development using Jira

**Independent Contractor | Ohio Republican Party**

**Aug 2017 – Jan 2018**

- Developed a program to aid in voter outreach
- Optimized the program to work with large amounts of data
- Organized and implemented the design and development of the application

**Software Technician I | University of Dayton Research Institute**

**June 2017 – Aug 2017**

- Worked with team to build a modular IoT platform using the OSGi framework
- Created plugins for the IoT platform to interface with the Raspberry Pi and various sensors

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## EDUCATION & CERTIFICATES

**Computer Science B.S. with Honors | Cedarville University**

**May 2020**

*Degree focus: Cyber Security*

*Academic honors: Dean's list 2017 – 2020*

**Microsoft Technology Associate: HTML5 Application Development Fundamentals**

Date of Achievement: 05/06/2016

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## LANGUAGES & SKILLS

- Java
- Kotlin
- Android Development
- C/C++
- JavaScript
- HTML5/CSS3
- JUnit/Espresso
- SQL
- Windows/Linux/Mac Environments
- Git

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## ACTIVITIES

Cedarville University Senior Design Project Lead – Lead group of classmates to implement prototype software for real customer (2019 - 2020)