

# Keegan Dwyer

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## Experience

### Associate Software Developer II | Auto-Owners Insurance Co. | Mar. 2023 – present

- Monitored security logs.
- Administrator of security monitoring tool.
- Worked collaboratively with a team to complete security focused projects.

### Full-Stack Software Developer | Ford Motor Company | Jun. 2022 – Dec. 2022

- Developed the backend software bridging physical components and serverless instances with Google's Cloud Platform.
- Used Java test-driven development principles to develop and maintain Spring Boot REST APIs.
- Maintained YAML pipelines and utilized GitHub for code organization and collaboration.
- Used tools like Checkmarx, SonarQube, FOSSA Scan, and Splunk to maintain code reliability and security.
- Completed work in agile sprints, using tools like Jira to organize tasks to complete while pair-programming.
- Engaged in Brooksource's Elevate Program, designed to strengthen skills using a combination of on the job learning and formal training to provide a well-rounded and invaluable experience.

## Education

### Bachelor of Science, Computer Science | Eastern Michigan University | Apr. 2022

- President of Women in Computer Science

## Technical Skills

- **Languages:** Java, Groovy
- **Tools:** Security monitoring tools

## Leadership Skills

### Member of the Ford Next Standup Leaders Team | June 2022 – Dec. 2022

- Hosted daily stand-up meetings for the Autonomous Vehicles division as part of team agile rituals.
- Helped organize initiatives to drive team engagement and create opportunities for collaboration.

### President of Women in Computer Science chapter at Eastern Michigan University | Fall 2022 – Winter 2022

- Planned and executed events tailored to the wants and needs of members.
- Led bi-weekly executive board and general assembly meetings.
- Established community and rapport through the use of a community Discord server.

## Projects

### Enterprise Resource Management Tool | Winter 2022

Project can be found here. (<https://github.com/COSC481W-2022Winter/capstone-wicrosoft>)

Created as a Senior Capstone Project, this project is intended to be an enterprise-level tool in which management can create, organize, and assign employees to teams, projects, and skills. The tech stack included Django, Bootstrap, Python, AWS.

### Static Webhosting with AWS | Fall 2020

Project website can be found here, moved to GitHub for longevity. (<https://keegerator.github.io/index.html>)

Created as an assignment to receive Honors credit in a non-Honors course. Intended to be an alternative way to host static HTML files as a website without requiring a host and domain for public access. The tech stack included HTML/CSS and AWS.