

# DYLAN CARTER

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## EDUCATION

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**BS Computer Science**, The University of Georgia, 3.85 GPA

May 2025

## EXPERIENCE

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**Associate Software Engineer**

June 2025 - Present

Infor

- Working on the Mongoose no/low code framework server-side team with C# and .NET Framework.
- Implemented security enhancement for MFA verification during login process, including SAML claim validation and a configuration option.
- Resolved an OWASP security vulnerability by adding the ability to update the HTTP header configuration in the command-line utility.
- Contributed to enterprise software architecture by creating unit tests, fixing defects, doing code reviews, creating technical documentation, and taking ownership on tickets from requirements to production support.

**Software Development Intern**

May 2024 - Aug 2024

Infor

- Created an end-to-end computer vision based proof of concept using Python, Roboflow, OpenCV, and PyAutoGUI for a new feature in a .NET RPA application, successfully automating web and desktop workflows within remote desktop applications.
- Introduced Testcontainers to a Spring Boot REST API for integration testing with a SQL Server database.

## SKILLS

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**Languages**

C#, Java, Python, JavaScript, SQL

**Technologies**

AWS, SQL Server, SQLite, .NET Framework, Spring Boot, React, Git

## PROJECTS

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### Mapthens

- Designed and developed a full-stack web application that displays all the local events happening in Athens, GA with their details on an interactive map.
- Implemented two endpoints for AWS Lambda in Go: one for scraping daily event data & storing in an S3 bucket as JSON, another for fetching the JSON data from S3. The vanilla JS frontend uses the latter and the Mapbox API to display events.

### Gnit

- Working on a minimalist version control system based on Git using C# and System.CommandLine library.
- Commands so far include init, cat-file, hash-object, log, ls-tree, and checkout.

### FideraAI

- Currently designing the architecture of the platform and building the foundational APIs to be consumed.
- Started this organization with the mission to promote open, local-first AI for Catholics by building a platform consisting of open-source tools and local models fine-tuned on church documents.