Dylan Carter
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Education

University of Georgia Athens, GA

BS in Computer Science, GPA: 3.87/4.0, May 2025

Relevant Coursework: Data Structures, Algorithms, Computer Architecture, Computer Networks, Systems Programming, Software Engineering, Data Mining, Computer Graphics, Theory of Computing, Discrete Math, Calculus I-III, Applied Linear Algebra

Involvement: Alpha Sigma Phi, Capstone Design, Center for Undergraduate Research Opportunities, UGAHacks

Technical Skills & Projects

Languages: JavaScript, Python, Java, SQL
Tools: Git, PostgreSQL, Spring, Docker, Jira

NASA Year on Psyche Simulation
Working with NASA and ASU to create an interactive web simulation for the asteroid 16-Psyche using Trellis to generate a robust 3D model and React-Three-Fiber to implement the UI and functionality.

Mapthens
Created a website for displaying events happening in Athens, GA every day using Go, AWS (S3 + Lambda), HTML/CSS, and JavaScript. Attracted over 500 visits since November 2024. mapthens.com

Wikitype
Built a website that lets you type out any wikipedia article, save your progress, see your typing statistics, and more using Go, AWS, and React. wikitype.xyz

Machine Learning Model for Fake News Detection
Worked with a team of 5 in my Data mining course to create a robust fake news detection classifier using Python, Pandas, Scikit-learn, Matplotlib, and Seaborn. We compared results between 4 different models, ultimately obtaining the highest accuracy with stochastic gradient descent at 93.6%.

Relevant Experience

Infor   Alpharetta, GA
Incoming Associate Software Engineer   June 2025
Coming soon.

University of Georgia   Athens, GA
Undergraduate Researcher   August 2024 - May 2025
Assisted Dr. Jonathan Vance's research team in developing a web application for predicting alfalfa crop yields using machine learning techniques and a synthetic data pipeline. I worked with Java, Spring Boot, PostgreSQL, and AWS.

Infor   Alpharetta, GA
Software Development Intern   May - August 2024
Created an end to end proof of concept for automating remote desktop applications using computer vision techniques and .NET. Additionally, I improved unit testing for a REST API by adding support for testcontainers.