

Kelsey Sterner

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EDUCATION

University of Georgia, Morehead Honors College
Bachelor of Science in Computer Science

Athens, GA
Fall 2025
GPA: 3.98/4.00

Relevant Coursework: Algorithms, Data Structures, Graduate Software Engineering, Graduate Operating Systems, Graduate Virtual Reality, Data Mining, Computer Architecture, Web Programming, Theory of Computing

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, C, SQL, R, C#, Bash, Kotlin

Tools: Next.js, Node.js, React, Google Colab, AWS, Langgraph, Langchain, Git/GitHub/Actions, MongoDB, Firebase, Jira/Confluence, Jupyter Notebook, Linux/Unix, Microsoft Office Suite Tools, Flask, RStudio

WORK EXPERIENCE

Technology and Innovation Intern, Truist Financial

May 2025 – Aug 2025

- Prototyped a SAS-to-SQL Agentic AI architecture to automate legacy SAS migration to cloud platforms for streamlined data consumption
- Reduced cloud storage and compute cost through consolidating temporary tables by 90%, creating an efficient consumption layer for LOB analysts

PROJECT EXPERIENCE

Predicting Housing Prices through Data Mining, <https://kelseysterner.vercel.app/Paper.pdf>

May 2025

- Employed regression techniques (linear, support vector, and gradient boosting with KNN) to predict house prices within a \$19803 RMSE

AI ATL Hackathon Winner: Dancely, <https://devpost.com/software/danceai-hp9cuz>

Oct 2024

- Implemented AI-driven tool to provide precise, pose-based feedback to dancers, using Gemini Flash for specific frame analysis and MediaPipe Pose for landmark detection to compare teacher-student video poses
- Applied dynamic time warping and custom algorithms for automatic frame alignment and difference detection

DevDogs x GDGC Website <https://github.com/DevDogs-UGA/DevDogs-Website>

Jul 2024 – Sep 2024

- Developed and launched fully responsive website for open-source software club using Next.js, Node.js, React.js, and Tailwind to enhance user experience and increase club engagement

AI API Caption Generator <https://tinyurl.com/gitfrontAPIProject>

Dec 2023

- Integrated OpenAI and Azure AI Vision APIs into applet, enabling automatic image caption generation via RESTful JSON calls

LEADERSHIP & CAMPUS INVOLVEMENT

Corsair Society Technology Cohort

Jan 2025 – present

DevDogs x Google: DGC, Co-Founder, President (2025), Engagement Officer (2024)

Jun 2024 – present

- Robustly grow student outreach by curating quality custom posts and targeting potential member spaces, achieving 20% and 30% engagement rates by reach on Instagram and LinkedIn respectively
- Expand club membership from 60 to 400 active students over 1 month through targeted marketing strategies to foster vibrant community eager to solve local community issues through innovative tech solutions

Girls Who Code, Lead Facilitator, Volunteer

Aug 2023 – May 2025

- Mentor young women in web development by creating and presenting Replit-based tutorials on HTML, CSS, and JavaScript, empowering girls to create their own unique online profiles

ACHIEVEMENTS & CERTIFICATIONS

Achievements: Zell Miller Scholarship (Full-tuition), Presidential Scholar, Dean's List, Kittle Computer Science Scholarship, Office of Global Engagement Gen Scholarship

Certifications: Google Data Analytics Professional Certificate (kaggle.com/kelseyst), Google AI Essentials Certificate, UGA Arch Ready Certificate