

Alex K. Jorns

📞 504.247.8186 — ✉ akjorns@icloud.com — 🔗 linkedin.com/in/alex-k-jorns — 🌐 akjorns.github.io

Education

Bachelor of Science in Mathematics, Optimization and Statistics

May 2028

The University of Alabama, Tuscaloosa, AL

Randall Research Scholar Program, Honors College, GPA: 3.9

Research

Research Assistant, Mapping Personal Finance Education

Sep 2024 – Present

- Collected and analyzed data from 10,000+ schools to uncover national gaps in personal finance education
- Applied natural language processing and topic modeling in Python to extract key themes from 25+ professional research articles on personal finance
- Synthesized quantitative and textual insights into an interactive Power BI dashboard to support policy-focused recommendations
- Produced a formal research poster and proposal; presented findings at the URCA and ACCI Conferences
- Awarded 1st place in the national undergraduate poster competition by the American Council on Consumer Interests

Skills

- **Technical:** Python, JavaScript, Svelte, C, HTML, CSS, Excel, Power BI, Git, GitHub
- **Research:** Data Visualization, Natural Language Processing, Database Management
- **Soft Skills:** Leadership, Collaboration, Creative Problem Solving, Attention to Detail

Technical Projects

Data-Driven Narrative: Visualizing Inequality in the Deep South

July 2025

- Built an interactive scrollytelling web app using Svelte and JavaScript to visualize socioeconomic disparities in the Deep South as part of the Kode With Klossy x Black Wealth Data Center Storytelling Challenge
- Developed multiple scenes highlighting correlations between poverty and education using Intersection Observer API and D3-powered scatter plots

College Collage, Founder

August 2023 - Present

- Developed an application to support under-resourced students with college advising, improving access to educational resources
- Lead a team to submit a ten-page proposal for the Big Ideas Competition and the ALDAG Student Business Plan Competition, integrating budget management and scalability insights
- Presented at House of Code after winning the LA01 Congressional App Challenge where 3,645 apps were developed nationwide, securing a copyright voucher and a personal meeting to present to Majority House Whip Steve Scalise

Work Experience

Research Intern, Biz New Orleans

May 2025 – Present

- Contributed to the launch of the Data Hub by researching, curating, and building datasets on local industries and businesses, creating foundational content
- Support the Biz 500 by managing the database and communicating with featured business leaders

Event Programmer, University Programs

May 2025 – Present

- Design and coordinate student events across campus, focusing on inclusive programming as part of a team that executes over 150 events annually for more than 30,000 undergraduate students

Organizations

Girls Who Code College Loop, President

Jan 2025 – Present

- Launched the College Loop at the University of Alabama, leading outreach efforts, managing chapter logistics, and coordinating meetings to build a strong tech community
- Plan and lead free coding workshops for local middle and high school students, culminating in a mini hackathon that encourages creativity and problem-solving while expanding access to computer science education

Association of Computing Machinery - Women

Aug 2024 – Present

- Attend technical meetings; competed in a club-wide hackathon, building Meflect, a mood-tracking website that earned second place for its responsive UI and journaling features

National Retail Federation Student Association, Secretary

Aug 2024 – Present

- Manage chapter records; represented UA at the NRF Foundation Student Program in New York