

ELIZABETH SOLTIS

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Overview

I am an interdisciplinary computing science graduate (GPA 3.5+) passionate about the intersection of technology and communications. Through my internships, I developed a mobile app with an Italian startup and worked on robotic process automation, where I was selected for an extended role. As a woman in STEM, I thrive in collaborative environments, enjoy solving complex problems, and excel at translating technical concepts for diverse audiences. I am eager to apply my skills in software development, automation, and digital storytelling to create meaningful impact.

Education

UNIVERSITY OF KANSAS

Bachelors of Science, Interdisciplinary Computing Science

GPA: 3.5+

- Engineering Dean's List
- KU Distinguished Merit Scholarship Award Recipient
- Completed core Computer Science path plus Journalism Electives

Graduating May 2025

Technical Skills

Javascript (React.js) | HTML | CSS | Python | C/C++ | C# | Ruby | Flask | SQL | REST APIs | Git | VS Code | Android Studio | Linux

Experience

BLUE CROSS BLUE SHIELD, Topeka, Kansas

RPA Developer Intern

May 2024 – Nov 2024

- Implemented and optimized RPA processes, boosting efficiency by 66.7% and saving \$15,000 annually.
- Completed 80+ hours of UiPath Academy training in Robotic Process Automation.
- Designed process flowcharts using Visio and draw.io to document automation workflows.
- Built and maintained automation using SQL, JSON, VB.Net, Queues, and Triggers.
- Applied Lean/Six Sigma methodologies, earning a Lean for Leaders certificate from Kansas State University.
- Skills: RPA | SQL | JSON | VB.Net | GitLab | Healthcare Systems

VIOLA WALKHOME, Rome, Italy

Software Engineer Intern

May 2023 – July 2023

- Developed test cases to monitor CPU/memory usage and ensure UI functionality.
- Researched and evaluated API integrations for a Map/Navigation feature, attending vendor meetings and documenting capabilities.
- Conducted competitor analysis to enhance app features.
- Assisted in front-end and back-end development, collaborating with senior engineers.
- Created and edited an introductory app video for users and developers.
- Skills: Dart | Ruby | Flutter | Git | API Research | App Troubleshooting

KAPPA KAPPA GAMMA, Lawrence, KS

Technology Chair

Nov 2022 – Nov 2024

- Created 150 member accounts, guided them through logging on
- Imported 1,000+ accounts for the potential new members including information to be added into their profile
- Managed voting rounds, including opening/closing a round and fixing any issues with voting
- Analyzed and resolved any overflow errors and monitor any tech issues

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Projects

TravelMate – Full Stack Travel Planning App

Tech Stack: Python (Flask), React.js, CSS, SQLAlchemy, JWT Authentication

- Developed a full-stack web app for collaborative travel planning with user authentication and trip management.
- Designed a RESTful API for user registration, login, and itinerary creation.
- Built an interactive React frontend with trip creation and itinerary tracking.

GreekGather – Greek Organization Management Platform

Tech Stack: Python (Flask), React.js, CSS, SQLAlchemy, JWT Authentication

- Developed a membership and event management system with role-based access control.
- Designed a React.js frontend for chapter management and event scheduling.
- Implemented a modular Flask backend with authentication and event management routes.

Personal Website – Portfolio & Professional Showcase

Tech Stack: HTML5, CSS3, JavaScript, Dreamweaver

- Built a responsive portfolio website with dark mode and interactive UI elements.
- Developed sections for experience, skills, and projects with GitHub and documentation links.
- Currently redesigning using Dreamweaver for improved UI/UX.

Professional Associations

- **IHAWKe** | 2021 - Present: A University of Kansas club focused on engaging and advising minorities of the Engineering School to support students by connecting with mentors.
- **Women in Computing** | 2022 - Present: A University of Kansas club focused on connecting women majoring in computer science with each other, the department, and the industry.
- **Kappa Kappa Gamma** | 2021 - Present: Technology Chair: 2022-2024

Relevant Coursework

• Software Engineering I, II	• Operating Systems
• Programming I, II	• Machine Learning
• Data Structures and Algorithms	• Programming Paradigms
• Embedded Systems	• Programming Languages
• Introduction to Artificial Intelligence	• Calc I, II, III ; Linear Algebra ; Probability & Statistics
• Digital Logic Design	