

# Kalina Tringas

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## EDUCATION

### Bachelor of Science in Computer Science

*University of Florida*, Gainesville, FL

May 2027

- **Relevant Coursework:** Data Structures and Algorithms, Computer Organization, Programming Fundamentals I & II, Digital Visualization, Game Design and Development, Discrete Math, Engineering Innovation
- **Achievements:** WiNGHACKS 2025 Overall Winner, BNY Mellon Sophomore Summit 2025

## EXPERIENCE

### Front End Software Engineer

*Kogna Startup*, Gainesville, Florida

Sep 2025 – Present

- Develop production-ready UI components using React, TypeScript, and TailwindCSS, translating Figma designs into pixel-perfect interfaces with strong attention to detail
- Build AI-driven business intelligence dashboards, implementing full-stack features connecting user interfaces to backend data systems
- Collaborate with backend engineers to integrate RESTful APIs and develop an AI-powered chatbot for natural language queries
- Contribute to Agile development processes within a 6-person team, participating in code reviews, sprint planning, and following software engineering best practices.

### Front End Subteam Lead

Sep 2025 – Present

*Google Developer Group*, University of Florida

- Lead a 10+ student engineering team building a university-wide bartering application using modern web technologies
- Mentor developers in React, JavaScript, TypeScript, and TailwindCSS through code reviews, pair programming, and technical walkthroughs
- Manage Git workflows, sprint planning, and coordinate development timelines across 10+ contributors
- Facilitate weekly stand-ups and maintain code quality standards in a fast-paced, collaborative environment

## PROJECTS

### Dance Assignments | *React, JS, Python, FastAPI, Render*

Oct 2025

- Built a full-stack scheduling tool with a React frontend and FastAPI backend, demonstrating strong object-oriented design and client-server architecture skills
- Designed and implemented a greedy randomized matching algorithm using custom data structures to optimize assignments, reducing manual workload by ~70%
- Deployed scalable backend services and integrated responsive frontend components, handling data processing and validation

### Plan Your Care | *React, TypeScript, Tailwind, MongoDB*

Feb 2025

- Best Overall Project & Best Use of MongoDB Winner at WiNGHACKS (31 teams)
- Developed a full-stack web application integrating Three.js for 3D visualization and Google APIs for location services
- Led frontend development with emphasis on user experience, and API integration
- Implemented sophisticated data modeling and validation using MongoDB

### Movie Recommendation Algorithm | *Python, Numpy*

Dec 2024

- Built a personalized recommendation engine implementing cosine similarity algorithms from scratch
- Processed and cleaned large datasets, demonstrating strong analytical and problem-solving skills
- Optimized data structures and algorithms for efficient similarity score calculations

## LEADERSHIP

### External Vice President - Executive Board

*Genesis Dance Crew*, University of Florida

Jan 2024 – Jan 2025

- Raised \$1,000+ for Genesis' first showcase, attended by 150+ students, balancing timelines and cross-team logistics.
- Developed leadership, communication, and project management skills while directing a team of 15 officers and 40+ members.

### Webmaster and Secretary - Executive Board

May 2025 – Present

*Genesis Dance Crew*, University of Florida

- Built and optimized digital systems improving operational efficiency by 65%, demonstrating ability to translate requirements into practical engineering solutions
- Automated administrative workflows using programming, reducing workload by 4 hours weekly
- Managed internal communications and documentation systems for 50+ members

## SKILLS

**Programming Languages:** Python, C++, JavaScript, Typescript, HTML, CSS/Tailwind, Node.js, MATLAB

**Tools:** Git/GitHub, Linux, MongoDB, FastAPI, Node.js, Rest APIs, Figma, Render, Supabase, Unity, Adobe Photoshop/Illustrator, Docker, AWS