Kalina Tringas

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EDUCATION

Bachelor of Science in Computer Science May 2027
University of Florida, Gainesville, FL

- **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 Sep 2025 – Present
Kogna Startup, Gainesville, Florida

- 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 Jan 2024 – Jan 2025
Genesis Dance Crew, University of Florida

- 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