Kalina Tringas

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EDUCATION

University of Florida — Gainesville, FL
Bachelor of Science in Computer Science — *May 2027*
- Relevant Coursework: Data Structures and Algorithms, Computer Organization, Software Development, Operating Systems, Programming Fundamentals I & II, Digital Visualization, Game Design, Discrete Math, Engineering Innovation
- Achievements: WiNGHACKS 2025 Overall Winner, BNY Mellon Sophomore Summit 2025

EXPERIENCE

Software Development Intern — Jan 2026 – Now
KidzHack LLC — *Remote*
- Implement responsive, user-centered front-end features with Angular and CSS, supporting platform integration for youth-focused educational technologies

Front End Software Engineer — Sep 2025 – Jan 2026
Kogna Startup — *Gainesville, Florida*
- Built and deployed production-ready UI components using React, TypeScript, and TailwindCSS in a startup environment
- Developed AI business intelligence dashboards, implementing full-stack features connecting UI to backend data systems
- Collaborated with backend engineers to integrate RESTful APIs and develop AI-powered chatbot for natural language queries

Front End Subteam Lead — Sep 2025 – Jan 2026
Google Developer Group, University of Florida
- Lead a 10+ student engineering team building a university-wide bartering application using modern web technologies
- Mentored developers in React, JavaScript, TypeScript, and TailwindCSS through code reviews, pair programming, and technical walkthroughs
- Managed Git workflows, sprint planning, and coordinate development timelines across 10+ contributors
- Facilitated weekly stand-ups and maintain code quality standards in a fast-paced, collaborative environment

PROJECTS

Dance Assignments | *React, JS, Python, FastAPI, Render* — Oct 2025
- Designed and built a full-stack scheduling system with a React frontend and FastAPI backend
- Implemented a greedy random matching algorithm to optimize dancer assignments, reducing manual effort by 70%
- Deployed backend services and integrated responsive, mobile-friendly frontend components

Plan Your Care | *React, TypeScript, Tailwind, MongoDB* — Feb 2025
- Best Overall Project & Best Use of MongoDB Winner at WiNGHACKS (31 teams)
- Built a full-stack application integrating Three.js for 3D visualization and Google APIs for location services
- Implemented sophisticated data modeling and validation using MongoDB

Movie Recommendation Algorithm | *Python, Numpy* — Dec 2024
- Implemented a personalized recommendation system using cosine similarity from scratch
- Processed and analyzed large datasets, optimizing data structures for efficient similarity computation
- 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

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