

# Sanjeev Kamath

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## EDUCATION

**University of Florida, College of Engineering**, Gainesville, Florida

**MAY 2026**

*B.S. in Computer Science with Minor in Business Administration*

**GPA: 3.77/4.0**

- Certificate in Artificial Intelligence Fundamentals and Applications

- **Relevant Coursework:** Data Structures, Operating Systems, Object-Oriented Programming, Algorithm Abstraction

**Zurich University of Applied Sciences** - Winterthur, Switzerland

**SPRING SEMESTER 2025**

*Semester Exchange Program in Computer Science*

- **Relevant Coursework:** Artificial Intelligence 2, Machine Learning Operations (MLOps), Computer Vision with Deep Learning

## TECHNICAL SKILLS

Python, C++, PyTorch, TensorFlow, Jupyter, React, Shell Scripting, Data Analysis, Cybersecurity, Agile Methodologies

## WORK EXPERIENCE

**ABB - R&D Software Engineering Intern**, Bartlesville, Oklahoma

**MAY 2024 - AUG 2024**

- Enhanced security of industrial flow computers by implementing advanced protection measures, resulting in improved communication safety and secure startup processes.
- Developed and tested 10 automation scripts to streamline security operations, including file encryption and protected storage, laying the foundation for comprehensive cybersecurity improvements across the company's product line.
- Led an 8-member intern committee, hosting weekly meetings and spearheading an office-wide trivia event with 50 participants, resulting in improved team engagement and cross-departmental networking.

**Unilever - Corporate Strategy and Technology Intern**, London, United Kingdom

**MAY 2024**

- Participated in a 2-week immersion program at Unilever's Global Headquarters, gaining exposure to diverse aspects of a multinational corporation's technology operations.
- Conducted in-depth research on the integration of enterprise AI tools, synthesizing findings into a strategic report for executive leadership.
- Completed intensive training in Agile methodologies, business storytelling, and corporate communication, enhancing skills crucial for navigating complex organizational environments.

**Atmata Film - Full Stack Software Engineer**, Remote

**MAR 2024 - SEP 2024**

- Designed and implemented a user authentication system for a film production app, improving account security and streamlining user management for a growing customer base.
- Built a robust backend infrastructure using Flutter and Firebase, enabling real-time data synchronization and laying the foundation for future app scalability.

## PROJECTS

**Solace Mental Wellness App**

- Architected and implemented a full-stack journaling feature using React Native for the frontend and Firebase for real-time data synchronization.
- Integrated Gemini AI API to generate personalized, context-aware journal prompts, enhancing user self-reflection.

**NBA Data Center**

- Engineered a high-performance data processing pipeline in C++ to analyze 122,503 rows of NBA shot data.
- Implemented and optimized Merge Sort and Quick Sort algorithms, with Quick Sort outperforming Merge Sort by 15% on large datasets.

## RESEARCH & LEADERSHIP

**Technology for Occupational Performance Lab - Data Analysis Researcher**

**JAN 2024 - AUG 2024**

- Conducted comparative analysis of sleep data from OURA Ring, WHOOP band, and Garmin watch using Python, processing over 30 nights of sleep to evaluate accuracy and consistency across wearable technologies.
- Spearheaded recruitment for a pilot study by hosting an engaging workshop on sleep, balance, and cognition, successfully enrolling 35 older adults and establishing a foundation for further research.

**Co-founder & Chief Safety Officer - UF Swamp Racing Team**

**AUG 2023 - PRESENT**

- Oversee safety operations for a 30+ member off-road racing team, implementing a comprehensive vehicle maintenance tracking system that contributed to a perfect safety record across all racing events.