

JORDAN JERKINS

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EDUCATION

Kennesaw State University
Bachelor in Computer Science

Marietta, GA
Expected Graduation Date: May 2027

EXPERIENCE

ADP | *Application Developer Intern* | Alpharetta, GA May 2026 - Present

- Designed and implemented an environment-configuration framework for Spring Boot microservices using Java, cucumber, and Jenkins, standardizing deployment configuration across multiple environments
- Built reusable OAuth2 authentication middleware supporting access-token caching, automatic refresh, bearer-token injection, and request tracing for enterprise REST APIs
- Developed backend workflow orchestration tooling for Spring Boot services using Java, JavaScript, and JSON payload templates, enabling execution of chained API operations across enterprise workflows
- Implemented API contract validation and CI/CD automation for Java microservices using Spring Boot, cucumber, Jenkins, JUnit, and Node.js, enabling automated regression testing and release validation

NICE Systems Inc. | *Associate Software Engineer* | Atlanta, GA December 2025 - May 2026

- Architected and deployed 4+ AI microservices on Azure App Services, enabling real-time transcript generation and automated QA analysis for public safety workflows supporting multiple PSAP environments
- Built secure data pipelines on Azure Data Lake and Blob Storage, processing thousands of CJIS-regulated records daily across structured and unstructured sources
- Recreated a lightweight version of NiCE Inform's PSAP dashboards, improving load times and enabling near real-time reporting, incident tracking, and QA metric visualization
- Developed persistent user preference management in .NET, enabling saved filters and session state across dashboard interactions and reducing repeated configuration time for analysts

NICE Systems Inc. | *AI Solutions Engineer Intern* | Atlanta, GA September 2025 - December 2025

- Built an MVP AI platform for real-time 911 call transcription, sentiment analysis, QA scoring, and AI-driven coaching using FastAPI, MongoDB, Elevate AI, and OpenAI GPT
- Developed 6 RESTful API endpoints using modular MVC architecture with JWT authentication and bcrypt hashing, enabling secure multi-role access for users across the AI platform
- Implemented role-based access control, dynamic CRUD operations, and real-time analytics tables to streamline QA evaluation workflows for 3 analysts

PROJECTS & LEADERSHIP

MusicDecoded | *PyTorch, Spring Boot, Python, Docker, Redis, PostgreSQL, MinIO* May 2026 - Present

- Built a model-driven music analysis app that processes YouTube audio/video sources and generates synced beat, downbeat, chord progression, waveform, and theory analysis for mobile playback views
- Adapted and fine-tuned Beat Transformer and CNN-LSTM research models for beat, downbeat, and chord progression detection using normalized audio, spectrogram, and chroma-based feature pipelines
- Developed a Java/Spring Boot backend with JWT auth, PostgreSQL user libraries, track metadata, async analysis jobs, and Redis-backed job progress/status caching
- Implemented a Python/FFmpeg worker pipeline to extract temporary YouTube audio/video media, normalize inputs to WAV, run deep learning inference, and store structured artifacts

ColorStack | *Software Chair* May 2026 - Present

- Led 13 technical workshops covering LeetCode interview prep, FastAPI backend development, system design, and internship strategies
- Mentored 40+ students pursuing software engineering roles through resume reviews, mock interviews, and internship coaching
- Collaborated with chapter leadership to organize x professional development events per semester, driving 13% growth in member engagement across the KSU computer science community

TECHNICAL SKILLS

Languages: Java, Python, C#, JavaScript, TypeScript, SQL, C++

Backend Development: Spring Boot, FastAPI, REST APIs, Microservices, Authentication, RBAC, MVC Architecture

Cloud & Databases: Azure, AWS, Google Cloud, MongoDB, Firebase, Azure Data Lake, Azure Blob Storage

DevOps & CI/CD: Jenkins, Git, CI/CD Pipelines, JUnit, cucumber, Newman, Bruno, Postman

Frameworks & Technologies: .NET, Node.js, React, Next.js, Playwright, Selenium, HTML/CSS, JSON, YAML