

JABREE FLOR

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EXPERIENCE

Vanguard

Malvern, PA

Senior AI Engineer

February 2026 – Present

- Foster AI engagement across engineering teams by helping developers adopt AI-assisted workflows that speed delivery and improve engineering effectiveness.
- Train teams on AI usage, prompting strategies, and practical best practices for rapid development, with a focus on responsible and repeatable adoption.
- Design and build tools that enable engineers, product partners, and other cross-functional disciplines to fully leverage AI in their day-to-day workflows.

Technical Lead I

March 2025 – March 2026

- Provide technical leadership and direction across engineering teams, ensuring delivery of scalable, resilient, and cost-effective cloud-native solutions.
- Partner with stakeholders to define architecture, improve system reliability, and drive adoption of modern development practices.
- Designed and led the development of a new system to enhance rollover status tracking, improving client visibility and reducing operational overhead.

Application Engineer II

February 2024 – March 2025

- Migrated a monorepo to a serverless architecture, decoupling the frontend and midtier. Utilized AWS S3 for static asset storage delivered via CDN, and hosted the midtier on AWS ECS.
- Enhanced the client experience by developing a near real-time tracker for the transfer process. Worked with legacy systems and led a team to meet deadlines, utilizing AWS Lambda, DynamoDB, Kinesis Stream, and a frontend hosted on S3 with an ECS mid tier.

Application Engineer

June 2022 – February 2024

- Enabled DocuSign for transfers that would have required mailing paperwork, reducing completion time from a month to days and increasing completion rates.
- Built a service to track user metrics across major experiences using AWS API Gateway, Apache Kafka, and AWS Lambda.

La Salle Mathematics and Computer Science Department

Philadelphia, PA

Undergraduate Student Researcher

October 2019 – May 2022

- Conducted research with Dr. Yang Wang with the support of the Summer Research Grant of 2019: Branching-Aware Service Function Placement and Routing in Network Function Virtualization.
- Applied techniques from problems given in C to find optimal placement and make correct routing decisions.

PERSONAL PROJECTS

Voice — Local macOS Dictation

- Built a privacy-first macOS dictation app with Swift, AVAudioEngine, Whisper.cpp, global event taps, Accessibility APIs, on-device Whisper inference, hotkey and model management, and clipboard restoration.

JaBot — AI Harness Orchestrator

- Built a Tauri 2 desktop app with Rust, React 19, TypeScript, JSON-RPC 2.0, SQLite WAL, OS Keychain, and isolated ACP subprocesses for persistent multi-agent coding sessions.

CanvaI — Spatial Developer Workspace

- Built an infinite-canvas developer environment with Tauri 2, Rust, React 19, TypeScript, persistent PTYs, OSC 133, embedded webviews, Git, file-watcher and system widgets, and crash recovery.

Better Together — Collaborative Claude Code Plugin

- Built a zero-install Node.js and Claude Code plugin that streams live sessions through SSE with polling fallback, Cloudflare Quick Tunnels, ephemeral rooms, transcript context injection, anchored comments, lifecycle hooks, and privacy controls.

EDUCATION

La Salle University

Philadelphia, PA

Bachelor of Arts in Computer Science & Bachelor of Science in Information Technology

Graduation: May 2022

Dean's List: Fall 2020, Spring 2021

SKILLS

Certifications & Cloud: AWS Certified Solutions Architect – Associate | AWS, Azure, Google Cloud

AI & Agent Systems: AWS Bedrock, Claude Code, Claude SDK, MCPs, Skills, Harness Engineering, Context Engineering, Prompt Engineering, Loop Engineering, Graph Engineering

Languages & Frameworks: TypeScript, JavaScript, Node.js, Python, Java, React, React Native, Angular, Spring, HTML, CSS

Data & Observability: DynamoDB, Aurora, MongoDB, MySQL, Honeycomb, Splunk, Grafana, Postgres