

CEDRIC D. CHERESTAL

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EDUCATION

Florida International University

Expected December 2025

Bachelor of Science in Computer Science

Miami, FL

- Cumulative GPA: **3.93/4.0**; Dean's List 2022-2025

WORK EXPERIENCE

ELECTRONIC ARTS (EA GAMES)

May 2025 - August 2025

Software Engineer Intern | Database Engineering Team

Orlando, FL

- Automated ingestion of NCAA football stats for 130+ teams & 4,000 players using C# and .NET
- Built fuzzy matching algorithm to improve cross-referencing accuracy between EA's internal database and external API
- Added caching fallback to ensure reliable stat updates during downstream failures

TESLA

January 2025 - May 2025

Software Engineer Intern | Digital Experience Team

San Jose, CA

- Boosted engagement click-through by 22% across in-app, email, and SMS by launching an A/B testing engine using Java, Flink, Kafka, PostgreSQL with a 4-person team.
- Reduced query latency 56% by migrating internal engagement database from PostgreSQL → Cassandra
- Refactored repository layer to support Cassandra without breaking existing notification channels and functionality

UKG

September 2024 - December 2024

Software Engineer Intern | Notification Team

Weston, FL

- Automated certificate renewals for 300+ Spring Boot microservices, eliminating need for manual rotations
- Cut report generation time by 72% (45s → 13.5s) by optimizing SQL stored procedures affecting 30+ SSRS reports.
- Prototyped push-notification microservice, enabling web-browser notifications with Java, Kafka, MongoDB, Docker
- Deployed version upgrades across multiple microservices, migrating Spring Boot (2.1.x → 2.7.x) and Java (8→17).

BLACKROCK

June 2024 - August 2024

Software Engineer Intern | Aladdin Engineering Team

San Francisco, CA

- Prototyped Java/Spring Boot WebSocket service to eliminate stale trade data within Aladdin Trader application
- Added live-update UI with TypeScript, React, and Jotai; reduced refresh-triggered API calls by 80%.
- Automated internal authentication process with Python and Selenium, speeding up development process.

UKG

September 2023 - December 2023

Software Engineer Intern | Payroll Team

Weston, FL

- Deployed accessibility compliance features to UKG Pro web application, boasting 100% compliance across all pages
- Enhanced multi-language localization capabilities of UKG Pro, enabling all payroll reports to be generated with supported language types using C#, .NET, and Microsoft SQL Server.
- Partnered with international legacy teams and principal engineer to resolve widespread bug affecting multiple queries

PERSONAL PROJECTS

TEKKEN® 8 Player Statistics Website | www.ewgf.gg

August 2024 - Present

[Github](#) | [Website](#)

- Built distributed analytics platform processing 350M+ matches for 1.1M players with Java, Spring Boot, and PostgreSQL
- Reverse-engineered game endpoints with Python, Cheat Engine, and Wireshark, enabling bulk collection of replay data at 50K replays/s via multithreaded RabbitMQ consumers.
- Built interactive frontend dashboard with React, Next.js, and TypeScript, supporting 25K+ monthly active users.

SKILLS

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

Frameworks & Tools: Spring Boot, Kafka, .NET, Flink, RabbitMQ, React, Next.js, JUnit/Mockito, Selenium

DevOps & Cloud: Docker, Kubernetes, Datadog, Splunk, Grafana