

CEDRIC D. CHERESTAL

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Fort Lauderdale, FL

EDUCATION

Florida International University

Bachelor of Science in Computer Science

Expected December 2025

Miami, FL

- Dean's List: September 2022 - August 2024; **GPA: 3.79**

SKILLS

Programming: Java, C, C#, Python, Javascript, SQL, HTML/CSS

Frameworks & Libraries: Spring, Spring boot, JUnit, Jotai, .NET, Typescript, React, Gatsby, Node.js, Tailwind, Selenium, Flask

Tools & Technologies: Kafka, GraphQL, PostgreSQL, Docker, RabbitMQ, MongoDB, Kubernetes, Datadog, Grafana, Twilio

WORK EXPERIENCE

Tesla

Software Developer Intern | Digital Experience Team

January 2025 - May 2025

San Jose, CA

Ultimate Kronos Group (UKG)

Software Developer Intern | Notifications Team

September 2024 - December 2024

Weston, FL

- Collaborated with team to develop and deploy **Java** based microservice that automated renewal of authentication certificates, streamlining operations for over **300+** Spring Boot microservices.
- Developed and deployed critical microservice using **Java**, **Apache Kafka**, **MongoDB**, and **Docker** within distributed-systems architecture to deliver web browser notification functionality.
- Initiated migration of **Grafana** monitoring platform from on-premises to cloud.
- Successfully deployed version upgrades across multiple services, migrating **Spring Boot** (2.1.x → 2.7.x) and **Java** (8→17) to enhance security and leverage modern features.

BlackRock

Software Developer Intern | Aladdin Engineering Team

June 2024 - August 2024

San Francisco, CA

- Engineered real-time data synchronization service using **Java** and **Spring Boot**, leveraging **WebSockets** and **GraphQL** to significantly improve data accuracy and responsiveness of Aladdin Trader application.
- Collaborated with intern team to enhance user interface by integrating real-time update functionality using **TypeScript** and **React**, leveraging existing **Jotai** state management to efficiently handle live data updates.
- Automated internal authentication process with **Python** and **Selenium**, reducing manual effort for team members.

Ultimate Kronos Group (UKG)

Software Developer Intern | Payroll Team

September 2023 - December 2023

Weston, FL

- Optimized **SQL** database queries and stored procedures affecting more than **30** SSRS reports, resulting in **72%** reduction in report generation times from 45 seconds → 13.5 seconds.
- Hosted knowledge-transfer workshops with intern team to expedite solution deployment, and partnered with international legacy teams and the principal engineer to resolve widespread bug affecting multiple reports.

PROJECTS

TEKKEN® 8 Player Statistics Website

August 2024 - Present

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

- Designed and developed a full-stack web application using **Java**, **Spring Boot**, **PostgreSQL**, and **RabbitMQ** to aggregate and analyze over **230 million** Tekken 8 player match statistics for over **1.1 million** unique players.
- Engineered **multithreaded RabbitMQ** consumers and data aggregation pipelines to handle large-scale concurrent data ingestion, compute player statistics, rank distribution, and character win rates across multiple game versions & regions.
- Built interactive frontend with **React**, **TypeScript**, and **Next.js** to create personalized dynamic visualizations for player profiles, rank distribution, character popularity, and character win rates using **Recharts** and **Tailwind**.
- Orchestrated deployment using self-managed virtual private servers running **Ubuntu** and **Docker**, leveraging self-hosted server running Coolify for streamlined **CI/CD**, metrics tracking, and automated redeployments.