

CEDRIC D. CHERESTAL

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Fort Lauderdale, FL

EDUCATION

Florida International University | Miami, FL

Expected May 2025

Bachelor of Science in Computer Science

- Affiliations: INIT, CodePath, Google Developer Student Club
- Relevant Coursework: Programming II (OOP), Operating Systems, Data Structures & Algorithms, Computer Architecture

SKILLS

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

Frameworks: Spring, Springboot, Jotai, .NET, Typescript, React, Gatsby, Node.js, Tailwind, Selenium, Flask

Tools: GraphQL, Postman, Yarn, Microsoft SQL Server, Resharper, Twilio, Maven, Git, Bitbucket

WORK EXPERIENCE

BlackRock | San Francisco, CA

June 2024 - August 2024

Software Developer Intern | Aladdin Engineering Team

- Engineered a real-time data synchronization service using Java, Spring Boot, and WebSockets, significantly improving application responsiveness by replacing polling-based updates with push notifications.
- Integrated real-time update functionality into the existing frontend using Typescript, React, and Jotai for state management, enhancing application responsiveness while adapting to established technologies.
- Implemented GraphQL-based intermediary service to streamline communication between backend and frontend, enhancing the Aladdin Trader application's performance and user experience.
- Collaborated with intern team to design and implement solution that markedly reduced latency and improved data consistency across the application stack.

UKG (Ultimate Kronos Group) | Weston, FL

September 2023 - December 2023

Software Developer Intern | Payroll Team

- Optimized SQL database queries and stored procedures for more than 30 SSRS reports, resulting in 72% reduction in report generation times.
- Hosted knowledge-transfer workshops for intern team, expediting solution deployment, and partnered with international legacy teams and the principal engineer to resolve widespread bug affecting multiple reports.
- Designed and implemented automated tests using C# and NUnit framework to efficiently detect and document potential testing failures.
- Led cross-functional intern team as Scrum Master, streamlining communication and improving productivity through Scrum ceremonies: standups, backlog refinement, and sprint planning, ensuring timely project deliveries.
- Collaborated with intern team and Payroll division to enhance the language translation capabilities of UKG Pro.

PROJECTS

Apple Stock Checker Bot | Java, Twilio, Spring

- Developed a robust REST API utilizing Java and Spring framework to interact with Apple's official website and retrieve real-time inventory information based on user input
- Conquered challenges of an undocumented API through iterative experimentation, accomplishing 95% success in real-time inventory retrieval.
- Integrated SMS notification functionality to alert users promptly when desired product becomes available if it was previously out of stock.

Portfolio Website | Javascript, React, Gatsby, Node.js

- Successfully deployed personal website using GitHub Pages, leveraging Gatsby's static site generation capabilities for optimal performance and SEO benefits.
- Implemented Node.js for backend API fetch requests, developed an automated cron job task to schedule rebuilds and redeployment of website when API updates data