Christian Coulibaly

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EDUCATION

The Ohio State University   Columbus, OH
Bachelor of Science in Computer Science and Engineering, GPA: 3.4   Expected Dec 2025

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, C, C++, HTML, CSS
Frameworks & Tools: React.js/Next.js, Git, Docker, Linux/UNIX, Express.js, Tailwind CSS, NGINX, MongoDB
Certifications: AWS Cloud Practitioner, AWS Certified Developer (Expected Dec. 2024)

WORK EXPERIENCE

JP Morgan Chase & Co.   Columbus, OH
Software Engineering Program Intern   June 2024 – present
- Pioneer the modernization of an internal financial tool's UI, transitioning from an outdated JSP application to a responsive React frontend, designed to reduce task time by up to 50% for 1000+ global legal entities, helping developers maintain 99% uptime
- Modularize the new frontend using a microfrontend architecture and existing APIs, enabling partial integration with the legacy system, and facilitating easier maintenance across development teams, contributing to streamlined future updates
- Independently implement a UI/UX redesign in Columbus, while collaborating closely with an international team of developers, designers and managers to ensure seamless alignment across global stakeholders using Jira to assure timely completion

The Ohio State University Wexner Medical Center   Columbus, OH
Web Content Editor   May 2023 – Aug 2024
- Led the Comprehensive Cancer Center's transition to a new CMS, empowering individual organizations to manage their own content and enabling more frequent content updates with streamlined workflows
- Developed and customized dynamic web content using C# and HTML in Umbraco, optimizing template performance to improve user experience and content delivery efficiency
- Revitalized webpages by designing and implementing a new UI system, achieving 100% accessibility compliance and significantly improving user engagement and content delivery across the site

PROJECTS

JPMorgan Chase Code for Good 24Hr Hackathon - CTRL-R Platform | React, Firebase, Tailwind CSS, AWS EC2
- Awarded challenge winner for Pyramid CDC, a local non-profit focused on improving digital literacy in underserved Ohio communities, by developing a platform that engaged 1000+ residents with course paths and gamification, boosting retention
- Specialized in configuring the Firebase store and authentication, integrating it into the codebase, while collaborating with team members to create a fully functional, user-friendly platform

HDNCHQ Server | Docker, Linux, NGINX
- Built and maintained a home server system using Docker and NGINX, increasing uptime from 40% to 95% and sextupling performance, securely managing and delivering content to dozens of international users
- Engineered the system using Linux, performing custom optimizations to drastically improve system reliability and user experience, supporting multiple media, file storage, and security devices

M.C. Jeter Books Webpage | HTML, PHP, CSS, Git
- Designed and developed a mobile-friendly website for M.C. Jeter, significantly improving page load times and user engagement, with a new Next.js iteration projected to further enhance performance
- Integrated features such as a blog, book listings, and contact forms, resulting in a projected 25% uplift in book sales and social media interactions

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

National Society of Black Engineers (NSBE)   Columbus, OH
Recording Secretary   Aug 2023–Present
- Oversee meeting documentation, coordinate weekly newsletters, and assist in planning events like NSBE Week, driving communication for 100+ members and collaborating with 150 chapters internationally

ColorStack - OSU   Columbus, OH
Active Member   Aug 2023 – Present
- Participate in technical and behavioral interview workshops with industry leaders like Adobe and JP Morgan Chase, and mentor peers by sharing professional experiences

ADDITIONAL INFORMATION

Organizations/Affiliations: Minority Collegiate Outreach and Support Team Mentor, Minorities in Tech Member, BOLD at JPMC
Other Interests: Cybersecurity, Bleeding-Edge Tech, Technical Project Management, Music; **Languages:** Fluent in French