Emmanuel Charlot

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EDUCATION

Rutgers University – *Newark, NJ*   Graduation: May 2024
- **Bachelor of Science in Computer Science, Minor in Mathematics**
- Relevant coursework: Java I & II, Data structure, Advanced Data Structures, Intensive Programming, Operating system, Everyday Data I, Calculus I, II, & Calculus III, Probability & statistics, differential equations, Numerical Analysis, Discrete Structures

Brookdale Community College – *Lincroft, NJ*   Graduation: Spring 2019-Spring 2021
Associate in Science

WORK EXPERIENCE

Key Projects
AllSeasonsFit – Full-Stack Mobile App (In Progress; Target Launch: Dec 2025)
- Building a cross-platform fitness and community mobile application enabling users to create and join events, RSVP, share posts, comment, and message other users.
- Developing mobile features using **React Native**, **TypeScript**, and **Expo**, focusing on smooth UI/UX and scalable navigation.
- Designing backend services with **Java**, **Spring Boot**, and **MongoDB** to support event management, authentication, and user-generated content.
- Integrating **AWS S3** for media uploads and planning AI-powered recommendations to personalize event discovery.
- Targeting release on the **Apple App Store** and **Google Play Store** by **December 2025**

AllseasonsTech – Full-Stack Web Application (2022)
- Developed and deployed a full-stack social web application for my Brookdale capstone project, featuring user registration, post creation, and interactive content.
- Built using **React.js**, **Node.js**, **Express**, and **MongoDB**, with a focus on usability, responsiveness, and clean architecture.

JPMorgan Chase & CO. – *Jersey City, NJ*   June 2023– Present
Software Engineer
- Enhanced app's readability and maintainability through the implementation of a script using Node js.
- Implemented a Pill Tab into an existing application utilizing React js to display the comprehensive ecosystem of core onboarded applications, essentially ensuring the hygiene of the onboarded apps.
- Participated in a Global Hackathon organized by the firm, collaborated with my co-intern to develop a web app using React Js and spring boot that keeps technologists updated with the current business news and emerging concepts.
- Incorporated Unit testing and cypress into my skills set while actively contributing to the projects.
- Developing and maintaining backend features using Java and Spring Boot for a high volume payment processing system.
- Worked on Qpid messaging system and integration contributing to successful production deployment within the first few months on the team.
- Participate in rotational production support, investigating root causes of stuck or canceled payments and reporting findings to the operations team.

LEADERSHIP ACTIVITIES & VOLUNTEER EXPERIENCE

The Braven Accelerator – *Newark, Nj*   January 2023 – May 2024
Fellow

- Completed a 14-week professional development accelerator focused on communication, teamwork, leadership, and career strategy.
- Collaborated with fellows to research and present a Gen-Z and Millennial financial engagement project to **Synchrony Bank** executives.
- Built a personalized career roadmap identifying short-term goals, obstacles, and support systems to guide career growth.

National Society of Leadership and Success (NSLS)
- Member — Selected at Brookdale Community College for leadership development, goal-setting, and academic excellence.

SKILLS & INTERESTS | TECHNICAL SKILLS

Languages: Creole(Fluent), English(Fluent), French(Fluent).
Technical skills: Java, Springboot, React Js, Javascript, MySQL, HTML/CSS & SCSS, Node Js, Git.
Hobby: Soccer, Gym.