

# Leopold Sokoudjou

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## EDUCATION

**Kennesaw State University,**  
Bachelor of Science, Computer Science  
**GPA:** 4.0/4.0

Kennesaw, GA

**EXPECTED GRADUATION:** December 2024

**COURSEWORK:** Programming and Problem solving I and II, Data Structures, Artificial Intelligence, Intro to SWE, Databases, Algorithm Analysis, Operating Systems, Web Development.

## PROFESSIONAL EXPERIENCE

**Express Exchange Financial S.A,** Software Developer Intern 2022 Dec – 2023 Feb

- Worked on an e-banking application and the company's back-office application using **Spring** a **Java Framework** serving **200+** clients and helping them track their activities.
- Developed modules for client account management, transaction tracking, and financial reporting, ensuring accurate and up-to-date information was available to back-office staff.

**PKFOKAM RESEARCH CENTER,** Software Engineer Intern 2022 May – 2022 Aug

- Developed a comprehensive campus portal software utilizing **Java**, **JavaFX**, and **MySQL**, serving **100+** students and faculty members, resulting in a **40%** increase in overall campus productivity and communication efficiency.
- Optimized database queries and indexing, leading to a **25%** improvement in system response time, ensuring rapid access to critical information for students and staff.

**Afriland First Bank,** Software Engineer Intern 2021 May – 2021 Aug

- Developed a location-based bank branch finder for the **SARA** Mobile App utilizing **Java** and **Flutter**, which facilitated customers in finding nearby branches effortlessly and led to a **20%** rise in app downloads.
- Created an interactive map using the **Google Maps API** and **Flutter** to visually showcase branch locations and compute distances between the user's location and the branches.
- Added search filters enabling users to narrow down branch searches based on criteria like ATM availability, branch type, and operating hours, reducing congestion at main branches and achieving a **78%** boost in customer satisfaction.

## SKILLS

**Programming Languages:** JAVA, Python, PHP, JavaScript, C, SQL, HTML5, CSS3

**Tools & Technologies:** Spring Boot, Spring REST API, Spring Security, Spring Data, Django, MySQL, MongoDB, React JS, JUnit, Git, Linux, Flutter, Amazon Web Services, Postman

**Languages:** English, French

## PROJECTS

**Library Management System** 2023 Apr – 2023 Jun

- Developed a rich featured system using **Spring features** for managing a school library which used initially **MS Excel** for this purpose thereby increasing organization and productivity to **90%**.

**Supermarket Management System** 2022 May – 2022 Jun

- Developed and implemented a feature-rich supermarket billing system using **Java**, **JavaFX**, and **MySQL**, facilitating seamless checkout processes and enhancing overall operational efficiency with receipts generation.
- Designed and optimized the database schema to use of 2-4 Trees, resulting in a **25%** reduction in query response time and ensuring quick retrieval of product and customer information during billing operations

**Online Voting System** 2022 Jan – 2022 Feb

- Developed a secure and scalable online voting system using **python**, enabling people to cast their votes remotely, resulting in a **30%** increase in voter participation compared to traditional voting methods.