CARL LALONDE

S O F T W A R E   E N G I N E E R

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PROFESSIONAL OVERVIEW

Motivated and detail-driven Computer Science student with a 3.9 GPA and a concentration in Software Engineering. Adept in Java, C++, Python, and JavaScript, with hands-on experience in mobile and full-stack web development. Demonstrates strong problem-solving abilities, effective team collaboration, and a passion for building scalable, user-centric applications. Actively seeking an entry-level software engineering role or internship.

PROJECTS

RoundTable App – Full-Stack Mobile App (React Native, MongoDB)
Status: In Development (2025)
- Implemented Google OAuth authentication with persistent login state
- Built a dynamic home screen with React Native hooks and MongoDB integration
- Integrated Expo Location API to enable GPS-based restaurant filtering
- Utilized Expo Router for structured, scalable navigation architecture

Inventory Management App – Android Studio + Java
- Developed UI with RecyclerView and custom adapters
- Enabled full CRUD operations using local SQLite database
- Focused on usability and efficient local data persistence for small businesses

MongoDB CRUD System – Python + PyMongo + Jupyter Notebook
- Built and tested full CRUD functionality for an animal shelter database
- Visualized and validated data queries using Jupyter Notebook

Healthy Food Scanner App – Lucidchart + Mockflow
- Designed UI/UX wireframes in Lucidchart for a mobile barcode scanning app
- Focused on intuitive user flow and real-time feedback on ingredient quality

PROFESSIONAL EXPERIENCE

FedEx Express — Courier
Novi, MI | Oct 2020 – Present
- Delivered packages under strict time constraints while maintaining 99% customer satisfaction
- Solved real-time logistics issues and optimized delivery routes in high-pressure environments
- Demonstrated consistent punctuality, problem-solving, and professionalism

EDUCATION

Southern New Hampshire University — Manchester, NH
Bachelor of Science in Computer Science
Concentration: Software Engineering
Jan 2023 – Present | GPA: 3.9

SKILLS

Languages:
Java, Python, C++, JavaScript

Mobile Development:
React Native, Expo, Android Studio, SQLite

Web & Backend:
Node.js, Express.js, MongoDB, RESTful APIs

Tools & Platforms:
Git/GitHub, Jupyter Notebook, Lucidchart, MySQL

Methodologies:
Agile, Scrum

Soft Skills:
Critical Thinking, Communication, Adaptability, Time Management