

Luke E. Norton

Baton Rouge, LA | (225)-788-7151 | lukenorton51@gmail.com

Education

Southeastern Louisiana University | BS Computer ScienceAugust 2022 – May 2025

Major: Computer Science | GPA 3.50 | Major GPA 4.00

Experience

Applied Research Associates | Software Engineer InternDecember 2023 – Present

- Developed backend systems with C#, .NET, and Entity Framework for database interactions.
- Optimized data retrieval using SQL and LINQ queries to enhance application performance
- Designed and built RESTful APIs, improving system interoperability and user access.
- Assisted in database design, ensuring data integrity, security, and scalability.

Southeastern Louisiana University | IT Support TechnicianDecember 2022 – December 2023

- Resolves technical problems related to Microsoft Office and other software applications
- Creates and tracks support tickets using help desk software
- Provides tier 1 technical support for clients on network, account, and email issues
- Utilizes remote desktop tools to troubleshoot and resolve issues for off-site or remote users

Projects

SchoolMe
Tech Stack: .NET, C#, Entity Framework, SQL, React, TypeScript
A collaborative study tool web application where users can:

- Create accounts and log in.
- Form group chats with other users to discuss subjects.
- Create and share tests, flashcards, and compare grades with group members.

Hotel Reservation App
Tech Stack: .NET, C#, Entity Framework, SQL, React, TypeScript
A mock hotel reservation system where users can:

- Browse available rooms, book reservations, and manage their stays.
- Includes functionality for user account creation, login, and reservation management.

EnlightDen *(In Progress)*
Tech Stack: .NET, C#, Entity Framework, OpenAI API, PostgreSQL, React, TypeScript
An AI-powered study tool that helps users:

- Create accounts, log in, and set up study subjects (e.g., BIO 101).
- Upload notes and generate tests, flashcards, mind maps, and summarized notes.
- Organize study sessions with a custom calendar to plan study routines.

Skills

- Backend Development: C#, .NET, Entity Framework
- Database Management: SQL, LINQ, Database Design
- API Development: RESTful APIs
- Technical Support: Tier 1 Tech Support, Remote Assistance
- Networking: Wireless Networking
- Software Proficiency: Microsoft Office