

Bryan Avalos

New Lenox, Illinois, United States ✉ bryanhavalos@lewisu.edu ☎ (815) 641-2304

EDUCATION

Bachelor of Science in Computer Science

Lewis University • Romeoville, IL • May 2025 • 3.62

Bachelor of Arts in Forensic Criminal Investigation

Lewis University • Romeoville, IL • May 2025 • 3.62

PROJECTS

Exercise Tracker

https://github.com/BryanA55/Avalos_CPSC24500/tree/master/exerciseTracker2

- Developed a responsive web application that allows users to track exercise goals based on the calories burned, steps taken, and miles ran.
- Created a GUI using Java and Java Swing framework, by utilizing class (JFrame & JPanel), layout (GridLayout & FlowLayout), and events (ActionListener) functionalities, improving on the previous console-based version.
- Implemented a file saving functionality within the application using Java I/O, enabling users to store exercise logs.

Entity Framework Core Keyboard Database

<https://github.com/BryanA55/Databases.git>

- Utilized Entity Framework Core within Visual Studio to develop a Microsoft SQL Server database tailored for managing custom keyboards.
 - Enabled users to seamlessly perform CRUD (Create, Read, Update, Delete) operations on custom keyboard configurations via C# interactions with the database.
 - Implemented robust database migrations and versioning strategies using Entity Framework Core Migrations, ensuring smooth management of schema changes and updates over time.
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EXPERIENCE

Amazon Delivery Driver

TPOD Management Inc.

May 2023 - Present, Romeoville, IL

- Attain a delivery pace of 30 stops per hour, consistently completing the assigned routes within 8 hours of a 10 hour workday, surpassing industry benchmarks while maintaining a delivery accuracy of over 95%.
- Safely operate the delivery vehicle at all times, achieving a 100% on-road safety score in all categories.
- Utilize GPS and route optimization software, such as Amazon Flex, to meticulously plan and execute the most efficient delivery routes, accomplishing a 15% reduction in total route time.
- Maintain exceptional customer satisfaction with high customer delivery feedback scores, averaging over 90% positive rating based on customer surveys.

Shift Manager

White Castle

June 2018 - July 2023, New Lenox, IL

- Directed a team of at most 6 members during shifts, ensuring seamless operations and adherence to company standards.
 - Consistently delivered positive customer service, resulting in a 90% increase in customer satisfaction within a 6-month period.
 - Collaborated closely with the general manager to optimize sales strategies and streamline supply orders, resulting in a 20% reduction in procurement costs, thereby preserving a significant portion of the overall budget.
 - Executed regular inventory counts and implemented proactive measures to minimize waste, safeguarding inventory integrity and preserving budgetary resources, consequently bolstering sales efficiency.
 - Managed and reconciled cash drawers and deposits daily, achieving a 98% accuracy rate in fund accountability, thus ensuring financial compliance and integrity.
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SKILLS

Languages: Java, Python, JavaScript, C#, Ruby

Frameworks: Swing, .NET, ASP.NET Core, EF Core

Developer Tools: Git, Visual Studio, Eclipse, Microsoft SQL Server