Dalton Bumb

(812)-202-2986 | dbumb21@gmail.com | 3330 Detroy Road, Evansville Indiana 47720

Education

B.S. in **Computer Science** | Expected May 2025
Rose-Hulman Institute of Technology | Terre Haute IN
Skills: Java, Python, C, SQL, React, Blazor, HTML

Experience

Software Development Intern | *Berry Global Corporation*   Summer 2023
- Collaborated with a business to identify and understand requirements for automating the process of scheduling and coordinating plant visits for potential customers. Then implemented an automated system that streamlined the plant visit process, eliminating the need for manual coordination.
- Contributed to the development of a C# Blazor application aimed at facilitating order tracking and price management. Focused on enhancing the data grid functionality allowing the users greater filtering and searching capabilities.

Projects

Genetic Algorithm Research Project | *Java*
- Implemented a genetic algorithm program in Java, allowing users to input variables to visualize population evolution.
- Utilized various genetic algorithm techniques to optimize the evolution process.

Tech Stack Showcase Website | *React and SQL*
- Developed a website using React and SQL to display the technology stack of popular websites on the internet.
- Utilized SQL to store and retrieve data, providing users with valuable insights into various tech stacks.

Autonomous Robot Navigation | *Team Project*
- Collaborated in a team of three to program a robot for autonomous and remote-controlled navigation in an obstacle course.
- Achieved second place out of all participating teams by successfully completing various objectives.