James T. Baucum

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EDUCATION

Bachelor of Science in Computer Science | Expected Graduation Date: August 2022
The University of Memphis | Memphis, TN
Concentration: Artificial Intelligence

RELEVANT COURSEWORK

Intro to Neural Networks, Intro to Artificial Intelligence, Algorithm Design and Analysis, Relational Database Design, Analysis of Computer Architecture, Operating System Concepts, Fundamentals of Networking, Agile and Scrum Methodologies

EXPERIENCE

Project Engineering Co-Op | January 2020 – July 2020
Kenlake Foods | Murray, KY
- Collaborated with engineering leadership to perform cost and time analysis of equipment upgrades and labor estimates.
- Coordinated equipment purchases and contractor install dates using the results of the analysis.
- Oversaw the upgrade of production line that increased annual production by 20%.

IT Data Specialist | August 2016 – September 2018
Revel Enterprises | Paris, TN
- Cleaned manufacturer fitment data using Excel to fit company database schema.
- Used Microsoft SQL Server to batch upload data to company database.
- Created responsive listing webpages using ASP.NET MVC and Bootstrap.

IT Help Desk | July 2014 – August 2016
Four Seasons Sales & Service | Paris, TN
- Under the guidance of the Senior Developer, I learned the AS/400 and RPG.
- Designed a UI to help the Sales Department enter new orders for new department.
- The UI helped improve efficiency and helped department beat projected income for the first year.

PROJECTS

Settlement Done Easy | Spring 2022
- Implemented a web application using Ruby on Rails alongside a group of my peers.
- Incorporated third-party API calls to provide electronic signature functionality.
- Utilized Jira and Agile Scrum methodologies to communicate with team members and streamline production.

eBay Clone Website | Fall 2021
- Designed an e-commerce website using ASP.NET MVC.
- Implemented responsive webpages on the frontend using HTML, CSS, and Bootstrap.
- Designed REST API using C# and PostgreSQL as the database.

SKILLS

Python, Java, C++, C#, SQL, HTML, CSS, Javascript, ASP.NET, Ruby on Rails, Bootstrap, Jira