

Vito Bertucci

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OVERVIEW

I am a driven Computer Science major eager to enhance my technical skills and embark on a rewarding career in the IT field. My diverse experience includes successful team management, proficient data management and analysis, and the development and implementation of custom software solutions to optimize inventory and payment processing efficiency, while ensuring effective supplier communication. I thrive on solving intriguing and complex problems and maintain a positive attitude in all my endeavors. Currently, I am seeking my first step into the IT or Software Engineering field, where I can apply my skills to solve day-to-day operational challenges for organizations. My specific interests lie in automation, data analysis, software optimization and development, and AI/Machine learning.

PROJECTS

Custom Item Tags - Python

- Developed a Python program to create custom item tags using SKU numbers, prices, and item names.
- Significantly improved inventory and payment processing efficiency by enabling the use of a zebra scanner for item importation during sales.
- Seamlessly integrated with existing stock management systems, enhancing the customer experience by enabling easy access to item prices.

League Revenue and Budget Tracking Spreadsheet - Microsoft Excel

- Created a custom Microsoft Excel spreadsheet to track league payments, including payment dates and amounts.
- Utilized data to update total revenue and analyze budget allocations for each league.
- Implemented advanced formulas and conditional formatting to automate calculations and highlight payment discrepancies.

SKILLS

- Technical: Java, C++, C, SQL, DBMS, Oracle, Systems Implementations, Database Structures
- Soft Skills: Team leadership, effective communication, problem solving, collaboration, creativity, curiosity
- Exposure to: HTML5, CSS, React, Redux, Git, Python
- Languages: Conversational Spanish (4 years)
- Tools: Microsoft Office Suite, Google Suite

EDUCATION

OAKLAND UNIVERSITY - Auburn Hills (January 2022 - Present)

Bachelor of Computer Science

- Cumulative GPA: 3.50

OAKLAND COMMUNITY COLLEGE - Auburn Hills (September 2020 - December 2021)

Bachelor of Computer Science

- Completed Classes for transfer to Oakland University
- Cumulative GPA: 3.66

UNIVERSITY OF MICHIGAN - Flint (Fall 2019 - Winter 2020)

Dual Enrollment General Education

- Completed general education courses while in High School
- Cumulative GPA: 3.78

EXPERIENCE

Captain's Club at Woodfield (March 2021 - Present)

Pro Shop Manager/League Coordinator

- Developed efficient league schedules to ensure consistent pace of play each week.
- Collected and analyzed data from team members during league play to improve course operations.
- Managed inventory by accurately tracking item counts and updating the database.
- Created comprehensive spreadsheets to monitor employee shifts and weekly hours worked.