SAMIN AL MAHI

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Motivated engineering student with strong technical analysis skills seeks a career in Data Science to become a Sports Analyst. Resourceful and goal-oriented, with a proven track record of solving real-life business problems. Proficient in agile project management, customer management, and detailed requirement and system analysis. An asset to any organization seeking to leverage data for business success.

**Experience:**

**Data Analyst, UPHCSDP (Nonprofit Organization), 03/02/2019 – 12/18/201*9***

Analyzed organizational data to identify trends and patterns, providing insights that informed decision-making and resource optimization via MS Excel, VBA, and Power BI.Collaborated on a team to optimize inventory management for expectant mothers in Rohingya refugee camp- home to over one million individuals who have fled genocide, this remains the world's largest refugee settlement.

**Student manager, Bigelow DC, and Valley DC (dining center), 01/27/2020 – 12/18/2022**

Oversaw daily operations of the dining centers, managing a team of student employees and ensuring high-quality service. Maintained inventory and ensured food quality and safety standards were met.

**Sales representative, Southwestern Advantage (summer intern), 05/04/2021 – 08/24/2021**

Sold educational books, online platforms, and apps to customers by developing strong work ethic through long hours and gained skills in sales, customer service, and the use of technology in business including CRM software, to streamline work processes and manage customer data.

**Education:**

**Western Michigan University, Kalamazoo (MI), 01/02/2020 – *PRESENT***B.Sc. in Computer Science (major) & Business Analytics and Integrated Supply Management (minor)

Senior, CGPA: 3.11, Expected year of Graduation: Fall 2023

**Project:**

* **Rohingya Project:** Developed a medicine inventory database using SQL and implemented custom VBA macros in Excel to optimize management of critical supplies. Using a color-coded system to highlight critical data, I ensured essential supplies were tracked efficiently and effectively, with red indicating immediate re-ordering, yellow for upcoming re-ordering, and blue for items not being used as expected. After developing this scheme, we saved 7.19% inventory from getting wasted. Also leveraged my fluent English language skills to facilitate communication between foreign doctors, dignitaries, and local residents.
* **SWA Oklahoma Project:** After workshops in East Lansing, Nashville, and Kentucky we aimed to find students in Stillwater who needed additional educational support, using door-to-door outreach and phone calls with a pre-existing database. Notably, I was the pioneer salesperson to introduce SWA books and software in India and Bangladesh beyond the United States and was one of the top 20 sales rep that year.
* **Portfolio:** Developed my online portfolio website using various programming languages like HTML, CSS, JavaScript, Node.js.
* **Senior Design Project:** Developed an online bike routing website for the city of Kalamazoo and Portage, which will specify bike routes based on the stress levels using street topologies and view amenities.​ I used Google Maps Geocoding, Directions, Roads and Places API to enable search, ETA distance and time, street typologies and amenities respectively.
* **Shortest Route Finder:** Developed a Dijkstra’s algorithm
* **Snake Game:** Developed the classic snake game using the C programming language.
* **Assembly calculator & converter:** Developed a calculator that can add, subtract, multiply, divide, power, mod any 2 integers and convert any given number in any base to another base of the user’s choice in assembly language.

**Skill:**

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| * Python, Java, C, Assembly, C#, JavaScript, HTML * Angular.js, Node.js, React.js, Vue.js, CSS, PHP * R, Power BI, RapidMiner, Tableau, SQL, Hadoop * MS Excel, Word, PowerPoint, Access, Azure, VBA * JIRA, Trello, Asana, SCRUM, AWS, Agile Methods | * Leadership and Adaptability. * Sales, Marketing and Customer service. * Project, Financial and Time Management. * Analytical, Strategic and Problem-solving skills. * Communication, Interpersonal and Teamwork skills. |
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