Nathan Weldemichael

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Objective

Aspiring Business Administration student with a concentration in Management Information Systems, seeking to leverage technical, analytical, and leadership experience in roles that bridge technology and business solutions.

Education

San José State University, San José, CA   May 2027
B.S. Business Administration, Concentration in Management Information Systems

Ohlone College, Fremont, CA   Aug 2022 - Jun2024
Completed coursework in Business, Data Analytics, and STEM foundations
Ohlone Math Gateway (accelerated STEM pathway)
MESA Program Member

PROJECT EXPERIENCE

- **Sustainability Project** – Built a solar-powered backpack with a team to address energy insecurity, applying sustainable design and raising awareness for renewable solutions.
- **Robotics Lab** – Programmed and built a Rubik's cube–solving robot, enhancing technical and teamwork skills.
- **Water Insecurity Project** – Designed and tested a purifier removing 90% of contaminants, creating a practical model for low-resource use.
- **SolidWorks Design Project** – Modeled a height-adjustable table with gears, demonstrating CAD proficiency and ergonomic design.

SKILLS

- **Technical Tools** –Microsoft Office, Google Drive, MATLAB, Mathematica, LaTeX, SolidWorks, Onshape, Instagram, Zoom, Google Docs, Google Sheets, Google Slides, Social media, PowerPoint, Instagram, Zoom, TikTok, Facebook, Twitter (X)
- **Multilingual Communication** – Fluent in English, Tigrigna, Amharic

EXPERIENCE

Starbucks – Shift Supervisor | Fremont, CA   September 2022 – Present

- Supervise up to 6 crew members per shift, ensuring smooth operations and strong customer service.
- Coach team members with clear, respectful feedback, improving accuracy and efficiency.
- Build positive relationships by addressing individual needs, boosting morale and retention.

Lawrence Livermore National Laboratory – Engineering Internship

June 2023 – August 2023

- Researched and integrated new tech into STEM curriculum, improving lab activities and engagement.
- Collaborated with teachers and experts to design interactive experiments and exercises

Lawrence Livermore National Laboratory – Manufacturing Engineering Internship

June 2024 – August 2024

- Designed PCBs, mechanical parts, and packaging for photoconductive switches, improving reliability.
- Built custom testing devices to validate performance, accelerating product development.
- Partnered with cross-functional teams to integrate new tech, streamlining design workflows.
- Applied industry trends to enhance innovation in product design.