

Diego E. Mendez Perales

Milwaukee, WI
414-400-2363 | diegom20071@gmail.com

OBJECTIVE

Motivated Mechanical Engineering student at MSOE with hands-on experience in maintenance and repair, seeking opportunities to further develop engineering skills in a professional setting.

EDUCATION

Milwaukee School of Engineering (MSOE)

Bachelor of Science in Mechanical Engineering | Expected Graduation: 2029

WORK EXPERIENCE

Maintenance Technician | Advanced Plating Technologies | July 2025 - Present

- Troubleshooted, repaired, and maintained complex machinery and equipment, applying knowledge of electrical, plumbing, welding, HVAC, and general maintenance.
- Conducted preventive maintenance on equipment to ensure optimal functionality and minimize downtime.
- Collaborated with engineers to identify issues, design solutions, and implement improvements.
- Gained exposure to mechanical systems and developed problem-solving skills in a fast-paced, high-stakes environment.
- Gained proficiency in using a variety of workshop tools such as bandsaws, grinders, drills, and other equipment for repairs and fabrication tasks.

SKILLS

Technical Skills: Equipment Maintenance, Electrical Systems, Welding, Plumbing, HVAC, CAD (SolidWorks), Coding (Python, HTML, CSS, JS, SQL, G-Code, PLC)

Soft Skills: Leadership, Team Collaboration, Time Management, Problem-Solving, Communication, Public Speaking, Writing

Certifications: ITS Python Certification, ITS HTML & CSS Certification

EXTRACURRICULAR ACTIVITIES

Varsity Volleyball - (11th grade - 12th grade)

Fall Season

Varsity Basketball - (11th grade - 12th grade)

Winter Season

Varsity Baseball - (10th grade - 12th grade)

Spring Season

Varsity Track - (10th grade - 11th grade)

Spring Season

Wind Ensemble - Saxophone Section Leader (11th grade - 12th grade)

ACHIEVEMENTS & AWARDS

Sophomore Math Award - (02/15/2023)

- Recognized school wide as a top performer in mathematics.

Junior Friendly Award - (02/12/2024)

- Recognized school wide for participation, contributions to discussions, thoughtful ideas, and being a positive influence overall.

Volleyball Most Improved Player - (10/12/2023)

- Recognized as most improved player throughout the entirety of the season

Volleyball Perseverance Award - (11/09/2023)

- From Head Coach - Showed the ability to look at the brighter side. Didn't settle for mistakes and always tried to improve them. Pushed everyone to be the best version of themselves, but most importantly, pushed himself to be the best person he can.

ADDITIONAL INFORMATION

Interests: Baseball, Basketball, Cooking, Photography, Saxophone, Swimming, Volleyball, Weightlifting, Guitar

Languages: English, Spanish