

Jamelly Ramirez

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Aspiring Mechanical Engineer with strong foundations in mathematics, CAD, and applied engineering. Experienced in customer service, leadership, and technical teamwork, with hands-on projects in tractor pulling, web design, and sustainability initiatives. Fluent in Spanish and English, with a proven ability to adapt, problem-solve, and collaborate. Seeking opportunities to apply technical knowledge and creativity in engineering internships and research projects.

Education

University of Missouri – Columbia, MO

Bachelor of Science in Mechanical Engineering | Minor: Mathematics

Weighted GPA: **3.5** | Expected Graduation: **Spring 2028**

~Engineering & Design: Introduction to CAD, Foundations of Engineering, Introduction to Engineering, Digital Presentation Techniques, Engineering Economic Decision-Making, PLTW Intro to Engineering Design, PLTW Principles of Engineering, Welding Fundamentals

~Mathematics: Analytic Geometry & Calculus I–III

Science: University Physics I, College Chemistry I (with Lab)

-Communication: English Composition I, English Composition II, Professional Writing, Writing & Rhetoric, Honors French I–IV

-Technology: Web Design & Development, Digital Presentation Techniques

Technical: SolidWorks (introductory), AutoCAD (introductory), MATLAB, DWSIM, Simio Simulation, CircuitVerse, West Point Bridge Designer, HTML/CSS, Microsoft Office (Word, Excel, PowerPoint, Outlook), Google Suite (Docs, Sheets, Slides, Forms)

-Languages: -Fluent: English, Spanish -Intermediate: French -Beginner: Portuguese

-Professional Skills: Leadership, teamwork, customer service, management, adaptability, problem-solving, communication, public speaking

Experience

Moretti's – Ala Carte Entertainment | Elgin, IL
Pantry & Server | July 2022 – Aug 2025

Olive Garden- Darden | Columbia, MO
Server/Food runner | Nov. 2024-Present

- Delivered excellent customer service and supported sales, achieving a personal best of **\$1,500 in sales in one shift.**
 - Collaborated with 20+ team members to ensure fast-paced, accurate service.
 - Trained and mentored 5+ new employees at management's request.
 - Designed visually appealing desserts to improve customer experience.
 - Translated large catering orders, bridging language gaps for staff and customers.
 - Strengthened **leadership, teamwork, adaptability, and problem-solving skills.**
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Technical Experience

-Tractor Pulling Project : member of the Mizzou torq'n tiger, where we actively build up and down tractors. Using our hands to really get into the parts of the tractor, along with using CAD software to build parts and get good practice in. We also get to freely use the welding machines to practice on anything before using it on the tractors.

Web Development Projects – Currently taking a course that is teaching me the fundamentals of designing webpages in **HTML/CSS**, developing logical problem solving and presentation skills.

Software Tools – Experience with MATLAB, DWSIM, Simio Simulation, CircuitVerse, West Point Bridge Designer, and introductory CAD. Thanks to the engineering course I've taken, I've had a generous amount of time to learn the software and practice using it.

Extracurricular Activities

Caring for Columbia | *Winter 2024 – Present*

- Volunteered in clothing drives and community cleanups.
- Strengthened ties to the Columbia community while developing civic responsibility.

Sustain Mizzou | *Fall 2023 – Present*

- Practiced sustainability through composting, recycling, gardening, and beekeeping.*
- Gained awareness of environmentally conscious practices, inspiring sustainable engineering solutions.*

Mizzou ALAS (Association of Latin American Students) | *Winter 2024 – Present*

- Promoted cultural competency and Latin American awareness on campus.
- Advocated for issues including economic instability, environmental challenges, and labor concerns.

VOLUNTERING

- Supported special needs students, ensuring inclusion and safety.
 - Tutored peers in math and science during free time.
 - Assisted with school event planning and community outreach.
 - Volunteered at soup kitchens and creek cleanups.
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