Maya Ramirez

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EDUCATION

New Mexico State University, *Las Cruces, NM* **Graduation: May 2024**

 B.S. Chemical Engineering Cumulative GPA: 3.85

EXPERIENCE

Undergraduate Research Assistant– New Mexico State University **August 2020 – January 2021**
Chemical Engineering lab in Las Cruces, NM
- Research goals include evaluating the conversion of food waste using hydrothermal liquefaction (HTL) into HTL-char for use as an absorbent material to remove heavy metals from contaminated water.
- Performed chemical analysis of bio-char samples using bomb calorimetry techniques.

Undergraduate Research Scholar– New Mexico State University **January 2021 – May 2021**
Food Science & Technology lab in Las Cruces, NM
- Research goals include doing literature review on the impact of protein composition and concentration and pre-processing treatments on the properties of high-protein dairy beverages heated under different processing conditions.

Process Development Engineering Intern – Boston Scientific **May 2021 – August 2021**
Boston Scientific Co. in Minneapolis, MN
- Performed process characterization of shaft component oven reflow to improve part quality
- Worked hands-on in the manufacturing line dissecting operator pain points to enhance efficiency
- Utilized Design Expert software to perform a Design of Experiment (DOE) study to determine statistically significant parameters in process

Summer Analyst – Accenture Federal Services **June 2023 – August 2023**
Accenture Federal Services in Washington, D.C.
- Supported communication and training workflows to deliver and meet client needs that reached 1,000 + stakeholders.
- Presented a deck to 50+ people on the impact of Generative AI on the federal industry

MC Delivery Analyst – Accenture Federal Services **September 2024 – Present**
Accenture Federal Services in Washington, D.C.
- Supported change management for a large-scale software rollout, designing training, assisting in unit testing, drafting communications, and adoption strategies across multiple business units.
- Contributed to GenAI solution development using FastAPI, Azure, and OpenAI's Agents SDK to build agentic frameworks for enterprise automation.
- Built and integrated custom AI agents for document parsing and workflow orchestration, focusing on scalable endpoint design and backend API development
- Developed strong client communication and problem-solving skills while delivering value on high-impact projects in a fast-paced consulting environment

SKILLS

Context Engineering | Python | Agentic Frameworks | Agile Methodology | Change Management | Technical Writing | Stakeholder Engagement | Microsoft Excel |

CERTIFICATIONS

- **Generative AI with Large Language Models,** *DeepLearning (Coursera)* *2024*