

# Diego Alexis Pérez

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## EXPERIENCE

### Capital One Associate Software Engineer

Feb 2025 – Present

- Engineered secure ETL pipelines in Python to ingest, transform, and load financial datasets into PostgreSQL and AWS S3.
- Developed RESTful APIs with FastAPI, enabling programmatic access to analytical data models.
- Implemented front-end components using HTML, CSS, and JavaScript to build user-facing dashboards and tools.
- Collaborated in Agile teams—participated in sprint planning, stand-ups, and retrospectives—and leveraged Git for version control, branch management, and code reviews.
- Deployed microservices to AWS (Lambda, ECS), optimizing performance and ensuring high availability; integrated CI/CD pipelines for automated testing and deployment.

### BakerRipley Data Analyst III & I

May 2023 – Feb 2025

- As Data Analyst III (Oct 2024 – Feb 2025): Automated agency reporting by digitizing deliverables and automating data aggregation, boosting efficiency and accuracy; created new reporting deliverables tailored to leadership needs and collaborated cross-functionally to redesign reports.
- Led the Data Analyst Group community of practice, designing annual learning calendars and fostering engagement via Teams and one-on-ones, strengthening data literacy across seven divisions.
- Supported program data strategy implementation by coordinating with program teams, external partners, and IT to develop robust data collection and integration solutions; built and optimized Power BI dashboards to visualize program impact and inform decision-making.
- As Data Analyst I (May 2023 – Oct 2024): Extracted, cleaned, and analyzed program financials and demographics using SQL, R, Python, and Power BI, delivering scheduled and ad hoc insights; automated reporting processes with Power Automate and SQL, reducing manual workload.

### Octagon Capstone Intern

Jun 2023

- Leveraged Power BI and Python to analyze Simmons and Census data, identifying audience segments and sponsorship strategies; won the intern presentation competition.

### Combate Global, LLC Analytics & Operations Coordinator & Intern

Jun 2021 – Jan 2023

- As Operations & Analytics Coordinator (May 2022 – Jan 2023): Created interactive Power BI dashboards consolidating Nielsen ratings, social media metrics, and financial data for executives; conducted social media sentiment and network analyses with R, informing marketing strategies.
- Authored bilingual press releases and web content for CombateGlobal.com and TUDN, enhancing brand messaging and engagement.
- As Intern (Jun 2021 – May 2022): Wrote weekly web articles and press releases; tracked social media analytics to guide digital strategy; recorded real-time event data to ensure broadcast accuracy.

## EDUCATION

MS in Data Science, University of Texas at Austin

Aug 2024 – Present

MBA in Business Analytics, UT Rio Grande Valley

Aug 2022 – Aug 2023

BA in Sport Analytics, Rice University

Aug 2019 – May 2022

## CERTIFICATIONS

Google Advanced Data Analytics Certification

Google Business Intelligence Certification