# RAMON PEREZ

FREELANCE DATA PROFESSIONAL

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## WORK EXPERIENCE

### DECODED — Started as Sr. Product Developer | Now - Instructor
Remote | Nov-21 to Present

- ***Created technology-driven workshops*** that immerse learners into the mindset of a data scientist, a hacker, a developer, an engineer, and a crypto and Web3 connoisseur.
- Created **a machine learning engineering program** for clients in retail and finance.
- Developed *Decoded's data platform* from the ground up using AWS, Prefect, and others.
- ***Operationalized 4 full-stack machine learning applications***: (1) a natural language processing API and a web app to translate our workshops into different languages; (2) an interactive loan web app with a UI that showcases how gradient-boosted trees work; (3) a fraud detection API with a transactions' simulator embedded in the web UI; (4) and a recommendation system for our internal content database.

### CODER ACADEMY — Data Scientist & Educator
Sydney, NSW, AU | Sep-19 to Aug-21

- **Created data analytics, engineering, and science bootcamps**, and short courses covering advanced topics such as transformers, Bayesian statistics and design of experiments.

### LONDON BUSINESS SCHOOL — Statistical Programming Instructor
Remote | Jan to Mar-21

- ***Developed and taught 7 lessons on statistics, machine learning, and network analysis*** with Python in a course titled, People Analytics. Link to lessons 👉 📚

### INSEAD — Research Associate
Remote | Oct-19 to Mar-21

- ***Designed web crawlers, data pipelines, and a python package to model billions of job ads*** and recreate the organizational structures of different companies.

### JOHNS HOPKINS UNIVERSITY — Lead Quantitative Tutor
Remote | Jan to Aug-19

- ***Developed and taught introductory R and Python courses for MBA students***.

### GFLEC @ GW UNIVERSITY — Research Associate
Washington, DC | Sep-18 to Apr-19

- ***Conducted studies on financial literacy to test why, when, and how millennials seek out financial education resources;*** created statistical models using Python with data from the Health and Retirement Study to find patterns between future labour force participation and the gradual rate of retirement of baby boomers.

### SERVICE MANAGEMENT GROUP — Research Intern
Kansas City, MO | Oct-16 to Sep-17

- Prepared ArcGIS maps using large amounts of consumer behaviour data, conducted sentiment analysis using SPSS & Python, and launched, collected and analyzed different A/B tests to compare diverse data collection strategies (e.g., email vs mail vs POS).

## EDUCATION

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|---|---|---|
| MASTER OF ARTS IN ECONOMICS | University of Missouri @ KC | Aug 2016 - May 2018 |
| BS IN ECON, FINANCE & MARKETING | Missouri Valley College | Aug 2011 - May 2015 |

## SPEAKING

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|---|---|---|
| PyData Global - 22 </> | Microsoft Reactor - 21 🎥 | PyCon US - 21 🎥 </> |
| PyCon Ireland - 22 🖥 | PyCon APAC - 21 </> | SciPy JP - 20 🎥 </> |
| PyCon ZA - 22 </> | PyCon Chile - 21 🎥 </> | Intro to DataViz - 20 🎥 </> |
| Data Science DC - 22 🎥 🖥 | SciPy US - 21 🎥 </> | Transitioning into Analytics - 20 🎥 |

## SKILLS

**Languages** Native - Python, English, R and Spanish | Intermediate - JavaScript and French
**Data Eng. & Analytics** Prefect | Dagster | pandas | NumPy | HoloViz | Dask | PostgreSQL | dbt
**Machine Learning** PyTorch | sklearn | spaCy | fastai | MLFlow | MetaFlow | Ray | Shap
**DevOps** Git | Bash | AWS | GCP | Linux | GitHub Actions | Docker | PyTest | DVC | CML
**Product Design & Web Dev** Flask | Panel | HTML | CSS | FastAPI | Figma | Miro | Canva | Jekyll