Changing the World with Ethical, Unobtrusive Digital Marketing™

Piñata Digital Marketing Inc. Remote Internship

Job ID: INT-2025-AI05
Department: AI and Data Systems

Role Overview : AI/ML Engineering Intern — Graduate Level

Reports to: Director of AI & Software Development • Work mode: Onsite

Focus: Recommendation models for reward triggers (QNDMBS), fraud detection, RL for reward timing

Role Summary

Build and evaluate small recommendation models that fire QNDMBS rewards at the right moment, detect abuse/anomalies, and explore reinforcement learning for pacing rewards without harming UX.

Key Responsibilities : Design features from gameplay events; create training/eval datasets (privacy-aware)

Train baseline recommenders (e.g., matrix factorization/GBMs) for trigger timing

Prototype RL policies (bandits or lightweight RL) for reward cadence

Build fraud/abuse signals (velocity, device, geo, spend) and thresholds

Ship an offline → shadow → live experiment pipeline with guardrails

Partner with Backend to expose models via REST/GraphQL

Required Qualifications : Strong Python + pandas/NumPy; at least one ML framework (scikit-learn/PyTorch)

Experimental design basics (holdouts, A/B, power) and metric literacy (precision/recall, lift)

Data ethics/privacy mindset

Familiar with Unity and Unreal

Preferred Qualifications : Bandits/RL coursework; feature stores; model monitoring/baselines

Experience with event telemetry (Amplitude/Mixpanel or custom)

Application Process

Interested candidates should submit:

1. A resume

2. A short statement of interest explaining why they'd like to intern with Piñata™

Send applications to: Upload resume on this site to apply

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Legal Notices

Equal Opportunity Employer

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Compensation Compliance

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