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**SUMMARY**

Graduate student focused on data analytics & ML for healthcare. Strong in SQL and Python (pandas, numpy).

**SKILLS**

Python, SQL, Pandas, NumPy, scikit-learn, PySpark

**RELEVANT PROJECTS**

**Clinical Trial Matcher (NLP)**

* Built NLP pipeline (spaCy + regex) to normalize trial criteria; improved match precision by 18%.
* Parsed 5k+ trial records; engineered keyword/semantic features; exported ranked matches.

**Sparkify Churn Prediction (PySpark)**

* Processed 12M events in PySpark; engineered session features; trained GBM/LogReg (+9% AUC).
* Productionized ETL & data quality checks; delivered churn cohort dashboards.

**EMG Signal Analysis**

* Filtered EMG (band-pass/notch); extracted RMS/MAV/ZCR for gesture classification.
* Automated visualization & reports; improved feature stability across sessions by 11%.
* Wrote modular Python with type hints & tests; reduced pipeline bugs.
* Built SQL joins/window functions; cut report runtime by 35%.

**EDUCATION**

**NYU – M.S.** — 2024–2026

Keywords: #, +, -, 000, 1, 120, 145, 2, 3, 3pm, 401k, 6pm, 8am, 94, ability, able, about, accepted, achieve, achieving, across, activities, ad, adapt, additional, address, advanced, after, agreed, alert, all, already, am, amazing, ambitious, amount, analyses, analysis, analyst, analytics, analyze, analyzing, any, anywhere, applicants, application, apply, applying, appreciate, are, around, attach, attendance, authorized, autofill, autonomy, avoid, b, back, backgrounds, base, based, be, believe, benefits, better, between, beyond, big, black, born, build, building, but, california, calls, can, capabilities, care, career, certain, challenges, challenging, class, clients, clinical, clinician, closely, coding, cohorts, collaborate, collaborative, color, combination, committed, communicate, communities, co