Daniel Rigberg

47-08 30th Ave, Apt. 2R
Astoria, NY 11103
(717)-379-8382

daniel.rigberg@gmail.com
www.linkedin.com/in/daniel-rigberg
https://github.com/drigberg

Experience

Back-End Developer and Data Integrity Specialist at Nestio — May 2016 to September 2016 — Python/Django
- **Redesign and automate data-related tasks** — write Python scripts and CRON jobs to verify stale data & diagnose and correct data corrupted by errors in legacy codebase
- **Build parsers for new feeds** — write and test parsers for inbound custom XML feeds
- **Write scripts for operations team** — build a robust codebase of report-pulling scripts so that the operations team could analyze data on short notice
- **Write scrapers for sales-ops team** — pull data from real estate listings sites and company Gmail accounts

Data Integrity Specialist at Nestio — August 2015 to September 2016
- **Maintain relationships with partner brokers** — act as point-man for all clients with data-related concerns
- **Act as resident Excel expert** — advise CFO and managers on efficient use of Excel
- **Trouble-shoot feed issues** — act on client complaints and enact routine QA to find and diagnose all issues related to inaccurate data, data transfer, and parsing

Projects

Context-dependent horoscope-generator website — www.shittyhoroscopegen.com — April 2016 to November 2016
- App in Node.JS; helper scripts in Python
- Uses birthday to determine sign; generates grammatically sound and uniformly depressing paragraphs based on JSON grammar files containing vocabulary, contextual tags, and sentence bigram probabilities; redirects to show page; adds entry to database; displays all entries in leaderboard

Automated email reminder system for data entry team — Nestio — September 2016
- Replacement for paid Chrome extension previously used to send data for manual parsing to data entry team
- Periodically queries Django model to find send time, subject, and body
- Creates new data entry job and forwards email to data entry team
- Accompanied by helper script for bulk creation of scheduled emails, from .csv upload

Listing verification script — Nestio — July 2016 to August 2016
- Pulls all active listings in a single market (~13000) and checks for consistency with broker websites
- Queries SQL database, scrapes associated marketing site using urllib and beautifulsoup, searches for specific words/elements based on individual site standards, checks against current status in db, and writes all necessary updates to csv for QA before manual editing (csv upload in the pipeline)

Skills

- **Node.JS, Javascript** — intermediate
- **Git** — proficient
- **Natural Language Processing** — proficient
- **Statistics, Calculus II** — proficient
- **Python/Django** — intermediate
- **HTML/CSS** — competent
- **Processing.JS** — proficient
- **Microsoft Excel** — proficient

Education

Yale University, New Haven, CT
- **Bachelor of Arts, Intensive Music Major** — concentration in composition — May 2015
- **Abraham Beekman Cox Prize winner** — awarded to the most promising and gifted composer of the junior class of Yale College — Spring 2015