Joseph Perry

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Portfolio | Github | LinkedIn

Core Qualifications

// JavaScript

- Node.js
- jQuery
- Express
- Handlebars
- MySQL
- MongoDB

Python

- Pandas
- Numpy
- Jupyter Notebooks

Projects

Digital 4-track

Collaborative digital audio workstation built in Node.js with Express, Handlebars, and Sequelize.

Persona Generator

Using JavaScript and jQuery, APIs are used to generate random personas with realistic parameters.

Covid Rate Tracker

Data collection and analysis with Python. Data is taken from a json formatted API response. The results are analyzed in Jupyter Notebooks with Pandas and graphically displayed using Matplotlib.

Job History

Golder Associates / Lab Technician
MAY 2019 - AUGUST 2020, ATLANTA, GA

Performed geosynthetic and geotechnical testing. Conducted over 50 unique lab tests according to ASTM standards and company SOPs. Helped establish new tests in the lab and write SOPs. Prepared samples for testing. Quality control of equipment and procedures.

Mini-Circuits / RoHS Administrator
NOVEMBER 2013 - APRIL 2015, BROOKLYN, NY

Performed RoHS assessments of compliance. Managed a 5,000+ count chemical constituent database. Designed and implemented a system in Excel for more efficient data analysis. Established relationships with suppliers/customers to obtain/distribute chemical information about manufactured parts. Quality assurance of manufactured circuit boards.

Education

University of Georgia / Bachelors of Science in Chemistry
AUGUST 2007 - DECEMBER 2011, ATHENS, GA

Graduated Magna Cum Laude. Pre-Medical Coursework.