Spencer Louis Poisseroux

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EDUCATION

Pace University, Seidenberg School of Computer Science & Information Systems — New York, NY
B.S. Computer Science, Minor in Digital & Time-Based Art — May 2021
GPA 3.48

TECHNICAL SKILLS

Programming Languages: Python, Java, React Native, React, C, C++, C#, HTML/CSS, JavaScript, SQL
Software: Github, OpenShift DBeaver, Unity, Unreal, Blender, Adobe CC, IBM Cloud Paks, Azure

PROJECTS

Completed Client Projects — July 2023
- Work with clients to complete POCs, MVPs, and full deliverable solutions in the data science/engineering space.
- Clients included large universities, state and federal branches, state police department, among others.

University Data Governance — January 2023
- Worked with a large university to implement better pipelines, governance, and metadata enrichment for its data.
- Work included democratization of data, making sure it is available to who needs it, and ongoing support.

Data Topology Analyzer — September 2022
- Used Python to make a tool that created in-depth visualizations for clients/engineers to understand the topology of a clients' data to see if migration to a new platform was possible before proper tools were available for complex data.
- Used Python libraries such as MatPlotLib, Pandas, Requests, Python-PPTX, os, etc.

Support of Redhat Openshift Containerized Platforms — May 2020
- Deployment and support of Redhat Openshift (Kubernetes) platforms for both internal and external use.

TCP-like Reliability Over UDP Protocol — April 2021
- Created a reliable UDP transfer protocol in Python using no external libraries.
- Created tests to ensure protocol reliability success and compare to TCP reliability.

Android Planner App — April 2021
- Created a daily planning/scheduling app for students, using Android Studio with Java and Firebase integrations.
- Development was done using SCRUM methodology in a team of 4 students using Notion and Github.

Chrome Customizer Extension — May 2020
- Chrome extension created with JavaScript and Chrome API to customize look browser webpages (dark mode, etc).

EXPERIENCE

IBM — New York, NY
Data Engineer — April 2022 – July 2023
- Gather and collect data, store it. Do batch/real-time processing on it and serve it via an API to a Data Scientist.
- Work closely with Data Architects to determine which data management systems are appropriate, and with Data Scientists to determine which data is needed for analysis.

ISI Language School — Tokyo, JP
Japanese Language Student — July 2023 –
- Full time student enrolled in upper intermediate courses.