******Adrian J. Silich

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***Check out my*** [***GitHub***](http://github.com/asilich123)***!***

Skills

Azure, Databricks, PySpark, Python, Scikit-Learn, PyTorch, Pandas, NumPy, Matplotlib, Tableau, Tableau Calculated Fields, SQL, SSMS, Databricks SQL, Cloud Services, Git, Figma, Selenium, Statistics, Probability, Machine Learning, Neural Networks, ML/NN/AI, Salesforce, Power BI, Excel, VBA, MS Office Suite, Acquisitions, Real Estate, Design

Work Experience

**JLL Technologies (NYSE: JLL);** Los Angeles (fully remote)

***Data Scientist II (Global Capital Markets Enterprise Analytics)*** **November 2022 - Present**

* Lead Data Scientist for DealX. Built the entire data analytics side to a JLL exclusive deal room platform for producers that replaced multiple facets of Salesforce, RCM, Revere, and other 3rd party applications, bringing them into one place while cutting costs from $6 million/year to roughly $40k/year, with a 94% pilot user preference rate.
* Applied inferential statistics to an ML linear regression price recommendation product to determine accurate savings of $257k+ per customer per year.
* ETL large data sets with upwards of 500+ million rows using cloud services.
* Script data aggregations and apply ML models (supervised, unsupervised, XGBoost/tree-based models) in Azure Databricks using a Python stack (PySpark, Scikit-Learn, Pandas, NumPy, etc.).
* Translate large SQL queries (500+ lines) into PySpark.
* Design high-level, advanced functionality, Tableau dashboards that break down data across a multitude of global commercial real estate and general business management topics for non-technical stakeholders in either high-level positions (C-Suite, VPs, directors, etc.) or for 4,000+ on-the-ground producers across the world.
* Work amongst team members and for stakeholders across a variety of global geographic and cultural locations. Most commonly, Spain, Chicago, India, San Francisco, and London.
* Stand out for UX/UI design skills in Figma and Tableau, often consulting with other departments and teams to assist in wireframing and visual appeal.

**The Morgan Group;** Los Angeles (75% remote)

***Data Analyst / Data Scientist*****March 2021 – November 2022**

* Operated as director of the acquisitions and data analytics departments for an LA based real estate fund.
* Built a bot to automate a very tedious competitor analysis report by using a Python stack (pandas, Selenium, NumPy) to build an ETL pipeline that scraped 1,000s of rows of property data from the MLS, cleaned and transformed them, then loaded them into a database.
* Organized and led 5+ department meetings weekly, addressing several teams, senior management, and company partners.
* Led product management for an in-house Slack plugin application that assisted junior project managers determined accurate rehab appraisal prices for homes across LA.
* Wrote complex SQL queries in SSMS, cleaned data, interpreted multivariant trends, then presented them as easy to digest Excel and Tableau dashboards directly to company executives.
* Combined SQL, Excel, and VBA to automate dozens of regularly ran reports that the data department once spent 40+ hours a month manually updating.
* Bridged communication between outsourced software developers and non-tech literate company partners in both industries’ terminology.

Education

**Boston University -** May 2020

*Latin Honors: cum laude*