******Adrian J. Silich

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***Check out my*** [***GitHub***](http://github.com/asilich123) ***for Examples of My Work!***

Skills

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

Education

**Boston University -** May 2020

*Latin Honors: cum laude*

Work Experience

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

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

* 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.
* ETL large data sets with upwards of 500+ million rows using cloud services.
* Script data aggregations, manipulations, and statistical analysis in Azure Databricks using a Python stack (PySpark, Pandas, NumPy, etc.) that typically exceeds 1,000+ lines. Frequently translate large SQL queries (500+ lines) into PySpark.
* Lead Data Scientist for JLL’s DealX. Built the entire data analytics side to a JLL exclusive platform for producers that replaced multiple facets of Salesforce, RCM, and multiple other 3rd party applications bringing them into one place while bringing down costs from $17K a producer to $120 a producer, with a 94% pilot user preference rate.
* 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 vast numbers of on-the-ground producers across the world.
* 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, managing projects in finance, data, and tech for a LA based real estate fund.
* 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.
* 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 it, then loaded it into a database.
* Combined SQL, Excel, and VBA to automate dozens of regularly ran reports that the data department once spent 40+ hours a month manually updating.
* Underwrote 120+ property acquisitions a week through use of comparables, tax rolls, and historical data trends for over $25+ million in acquisitions.
* Organized and led 5+ department meetings weekly, addressing several teams, senior management, and company partners.
* Bridged communication between outsourced software developers and non-tech literate company partners in both industries’ terminology.
* Led product design and development for an in-house app that determined accurate rehab appraisal prices for homes across LA.