Adrian J. Silich

Skills

***Python*** *– PySpark, pandas, NumPy, Matplotlib, Selenium, seaborn, scikit-learn*

***SQL*** *– PySpark SQL, SSMS*

***Data Viz*** *– Tableau, Figma*

***Microsoft Office Suite*** *– Advanced Excel, VBA and Macros, MS Access*

***Data Analysis*** *– Azure Databricks / Big Data, Building ETL Pipelines, Data Scraping, Experimental Design, A/B Testing*

***Tools -*** *Git / GitHub, VS Code, Jupyter Notebooks, Apache Spark*

***Other Industry******Knowledge*** *– Strong in Finance, Design Theory, Real Estate, and Investment Acquisitions*

Education

**Boston University -** May 2020

*Latin Honors: cum laude*

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****** github.com/asilich123 • Santa Monica, CA

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

Work Experience

**The Morgan Group;** Throughout CA & WA

***Data Analyst / Data Scientist*****March 2021 - Present**

* 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, cleaned data, interpreted multivariant trends, then presented them as easy to digest Excel and Tableau dashboards directly to company executives.
* Used Python to build an ETL pipeline that scraped 1000s 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.
* Completed Ad-Hoc projects regarding a wide range of market and data specific topics through research and exploratory data analysis.
* Data mined weekly financial KPIs from dispositions for cohort analysis to determine aggression on property acquisitions.
* 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.

***Lead Tech Consultant*** **Concurrent Job Role**

* Operated as an internal consultant for all technology related matters. Bridged communication between outsourced software developers and non-tech literate company partners in both industries’ terminology to facilitate discussions in a manner both could fluently understand.
* Led product design and development for an in-house app that determined accurate rehab appraisal prices for homes across LA.

Internships

**Leading Edge Real Estate;** Greater Boston, MA

***Investment Analysis Intern*** **May 2019 – July 2019**

* Scouted the Greater Boston area for value-add and distressed properties then, gave investment pitches by weighing their potential 5-year discounted cash flows and capital gains, calculated via comparable properties’ cap rates and local historical property appreciation, against their assumed expenses and rehab capex.

**Chalmers Equity Group;** Pico Rivera, CA

***CRE and Industrial Development Intern***  **May 2018 – July 2018**

* Created financial pro forma models for potential CRE developments, updated rent rolls, searched for open land and distressed properties throughout Southern California, modeled prospective TI, and researched where there were demands in the market for class A industrial properties.