

# NATHAN LEE

## Data Analyst

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Location: Reno, NV Portfolio: <https://github.com/nathan3leaf/>

### EXPERIENCE

#### January 2012 to Present

##### **Data Analyst – R.E.-Clarity**

Created an all-encompassing analytical software suite within a proprietary site-selection model to evaluate commercial properties for viability, sustainability, and profitability. The analytical suite contained features such as:

- Revenue forecasting—custom predictive modeling
- Geospatial analysis and mapping—ArcGIS, Folium, OpenStreetMap
- Web scraping search results using BeautifulSoup Python package
- SQL database maintenance: updating, sorting, filtering of data using queries

This project is an excellent example of my ability to be creative and proactive as I solve problems. Frequently, when building this suite, I would recognize the need for a new feature or an adjustment to an existing design element that could be improved. It was not uncommon for me to research new technologies that I believed could benefit performance, user-efficiency, or the quality of a deliverable.

#### April 2010 to July 2012

##### **Retail Sales Associate – T-Mobile**

Daily tasks of a Retail Sales Associate consisted of:

- Assisting customers in bill payments
- Answering questions regarding plans and billing
- Troubleshooting technical issues with customer hardware

I was tasked by my manager to create an Excel spreadsheet that summarized upcoming plan changes and pricing, as a reference tool for the sales staff. I then developed a VBA-powered interface for sales associates which enabled faster, more accurate estimates for customers than what was currently available. Our store consistently led in new activations, upgrades, accessory sales and even plan changes, due to this new resource. My ability to successfully complete this project, shows my awareness to recognize what are the needs of a project and my ability to learn and master new skills whenever needed, to provide the highest quality product. This also displays my desire to go above and beyond when asked to provide a deliverable and to support my surrounding team and managers.

### KEY SKILLS

#### Excel/VBA (10 yrs)

- Sorting, filtering and cleaning data
- Custom function and macro design

#### Python (6 yrs)

- Object-oriented programming
- Functional programming
- Visualizations
- UI design

#### Machine Learning (1 yr)

- PCA
- Linear/Logistic Regression
- Sentiment Analysis & NLP
- Market Basket Analysis
- Time Series Forecasting

#### SQL (4 yrs)

- Sorting, filtering, grouping, updating databases and tables, using queries

#### Tableau (1 yr)

- Visualizations
- Dashboards

### EDUCATION

#### April 2022

##### **Master of Science:**

##### **Data Analytics**

##### **Western Governor's University**

#### May 2005

##### **Bachelor of Music:**

##### **Jazz Studies**

##### **University of**

##### **Southern California**

### CERTIFICATES

- Google Data Analytics