

## EDUCATION

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### GENERAL ASSEMBLY, Los Angeles CA

*Certificate Data Science and Analytics, April 2018*

- Relevant Coursework: Knowledge Technologies, Exploratory Data Analysis using programmatic tools, Command line, Python and Pandas, SQL, Basic Machine Learning models to predict patterns from data sets, Data visualization in Python.

### KENYATTA UNIVERSITY, Nairobi (Kenya)

*Bachelor of Education Science Mathematics and Physics, December 2008*

- Relevant Coursework: Statistics, Multivariable Calculus, Algebra, System Analysis and Design, Quantum Physics, Data Structures and Algorithms

## ONLINE CERTIFICATIONS

- Statistics Specialization with Python (Probability, Inferential Statistics), Khan Academy, Coursera
- Data Science Bootcamp with Python, Udemy
- Microsoft Excel – Data Analysis with Excel Pivot Tables, Udemy
- Introduction to Advanced SQL, Kaggle Learn

## SKILLS

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| • <b>Programming:</b> Python, Git and Version Control, SQL | • Data Visualization                     |
| • <b>Database Systems:</b> SQL,                            | • Data Cleaning and Manipulation         |
| • <b>Frameworks:</b> Pandas, Microsoft Excel, Git, Numpy   | • Inventory and Logistical data analysis |
| • <b>IDEs:</b> iPython Notebooks, Jupyter Notebooks, Atom  | • Customer service                       |

## PROJECTS

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- **Sales Analysis:** A Python Pandas and Matplotlib project to analyze and answer business questions about 12 months' worth of sales data.
  - Conducted data cleaning and exploration of five high level business questions related to the data.
  - Generated insights from the sales data that enabled forecasting future performance with over 87% accuracy.
- **Data Cleaning and Handling Missing Values:** Possible ways of preparing a dataset for exploratory data analysis comprising of two key areas:
  - Taking a look at 356,758 rows and 100 columns of NFL dataset to explore about 24% omitted data.
  - Dropping and Imputation of values, 43% of columns with NAN values and the impact on analysis.
- **Covid-19 Exploratory Data Analysis:** Data Analysis project exploring how the COVID-19 pandemic is spreading.
  - Basic statistics on the coronavirus pandemic for 195 countries in the world.
  - Visualizations generated that showcase global comparative perspective in terms of Death rate, Testing, Confirmed cases and Government responses.

## EXPERIENCE

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### ALAMITOS ENTERPRISES LLC, Long Beach, CA

*Assistant Service Advisor, November 2019 – Present*

- Accurately capture an average of 40 customers' product needs and provide updates throughout the entire service process.
- Using knowledge of products and services to sell or furnish in-depth information about available parts and over 20 service options to customers.

### DENSO, Long Beach, CA

*Junior Inventory Analyst, Jan 2018 – Nov 2019*

- Maintained and updated inventory records
- Processed data using MS Excel and/or warehouse management system to manage inventory.
- Data entry, data monitoring and auditing.