

## SAUL VENTURA (US Citizen)

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### SUMMARY OF QUALIFICATIONS

- Expertise in applying machine learning for Predictive Modeling, Clustering for Market Segmentation, Anomaly Detection, Recommender Systems, Computer Vision, and Natural Language Processing.
- Passionate about solving analytical problems with great troubleshooting skills and enthusiasm for learning.
- Data Analytics (M.S. degree at CSU) and Data Science (Certificate at UCLA) background.
- Other fields: Enterprise resource planning (ERP) systems, Project Management, Business Analysis.

### TECHNICAL PROFICIENCIES

- Programming: R, Python, SAS, SQL, PL/SQL.
- Data Visualization: Tableau, Power BI, IBM Cognos, SSRS, XML Publisher, R Markdown, and Shiny.
- Machine learning: Random Forest, LightGBM, XGBoost, Time series, NLP, Deep Learning, AWS SageMaker built-in algorithms.
- Analytics Tools: SSAS, SAS Enterprise Miner, RapidMiner, Weka.
- ETL/Data preparation tools: SSIS, Talend, Tableau Prep, RapidMiner Turbo Prep.
- Big Data tools: Hadoop, MapReduce, Pig, and Hive.
- Databases: Oracle, MS SQL Server, DB2, and MYSQL.

### OFFICIAL CERTIFICATIONS

- 3x Amazon Web Services (AWS) Certified: Machine Learning - Specialty, Solutions Architect - Associate, and Cloud Practitioner.
- Python by Microsoft, SQL by Oracle, and Base SAS Programming by SAS.
- Tableau Desktop Specialist by Tableau.
- Others: Project Management (PMP), Business Analysis (CBAP), ERP Financial Modules (Oracle).

### EDUCATION

- Master of Science in Data Analytics, Colorado State University-Global Campus, 2019.
- Deep Learning for Computer Vision & Full Stack Machine Learning in AWS, AICamp, 2020.
- Big Data, Edureka, 2019.
- Data Science Certificate, University of California Los Angeles (UCLA), 2018.
- Agile Project Management Certificate, California Institute of Technology (Caltech), 2018.
- Master of Business Administration, University of Lima, Peru, 2013.
- Bachelor in Systems Engineering, National University of Engineering, Peru, 1999.

### PROFESSIONAL EXPERIENCE

#### **The Walt Disney Company**

Burbank - California

##### *Graduate Associate (Data Science)*

01/2020 - 04/2020

- Building data pipelines that collect and prepare datasets for analysis.
- Automating exploratory and descriptive data analysis techniques to support the production of insights (Survey Analytics, NLP).
- Integrating algorithms and statistical models (Survey Analytics, Succession planning, and Employee churn).
- Creating data visualizations to communicate findings from numerical and textual data (Survey Analytics, NLP, and Forecasting).
- Exploring machine learning models to predict employee engagement.

##### *Graduate Associate (Data Engineering)*

06/2019 - 01/2020

- Supporting the components of human resources DataMart.
- Creating reports, alerts, security audits and processes to ensure correct data accesses.
- Creating documentation of user stories for the development team.
- Assisting with internal analyses and data validation across DataMart using SQL.
- Writing queries/jobs/functions to feed and enhance the pipeline.

#### **Oracle Corporation**

Colorado Springs - Colorado

##### *Senior Technical Support Engineer*

06/2015 - 08/2018

- Solving functional and technical service requests of business applications (Oracle ERP) customers.
- Performing data analysis to identify setup issues through complex SQL queries.
- Troubleshooting business intelligence standard report issues.
- Assisting with managing ERP security issues: users, roles and data access.
- Creating and following up on enhancement requests to improve ERP functionalities.
- Providing on-call 24/7 support to government customers.
- Authoring knowledge management documentation targeted for end users as well as peers.

### **Optimiza Business Group (Oracle Gold Partner)**

Latin American countries

*IT Consultant (Business/Data Analyst)*

08/2013 - 06/2015

- Leading development of localizations: legal, accounting, and tax reports for 8 countries during implementation project.
- Extracting data from enterprise application database for star schema modeling to analyze purchasing metrics.
- Supporting production issues of purchasing and receivables modules of our enterprise customers.
- Designing localization requirements to support electronic invoicing.

### **Tecnicas Metalicas (Metal Mechanic and Building Industry)**

Peru

*Applications Manager*

12/2010 – 06/2012

- Leading a cross functional team that successfully implemented the enterprise application (Oracle ERP).
- Leading development team to define KPIs and create logistic reports and dashboards to gain insights from data analysis.
- Creating financial reports: balance sheet, income statement, cash flow statement using Oracle analytics tools.
- Serving as a business liaison between users and IT team to optimize the enterprise application through enhancements.

### **SN Power (Energy Industry)**

Peru

*Technical Project Manager*

12/2008 - 11/2010

- Leading multiple IT projects utilizing standard project management methodologies and best practices.
- Providing reporting and data analytics support to accounting and finance departments using SQL and HTML builder tools.
- Delivering end user training and post go-live support, troubleshooting functional and technical issues for users.

### **Aguaytia Energy (Energy Industry)**

Peru

*IT Supervisor*

05/2007 – 11/2008

- Leading application team to train and support enterprise application users in live operations.
- Implementing reporting and auditing features for the enterprise application (Oracle ERP).
- Managing the configuration, security, and network connectivity and ensure compliance with Sarbanes-Oxley (SOX) controls.

### **Maple Energy Plc. (Oil Industry)**

Peru

*Senior System Analyst*

05/2002 - 05/2006

- Creating functional specifications and designs for the implementation of enterprise applications (Oracle ERP).
- Developing of various Java-based web applications: planning, budgeting, forecasting, time, and attendance.
- Creating customized reports and ad-hoc SQL queries for executive management team.

### **Doe Run (Mining Industry)**

Peru

*System Analyst*

09/1999 - 05/2002

- Creating technical specifications and test cases for the implementation of enterprise applications (PeopleSoft ERP).
- Developing in-house applications: billing system, payroll system, and reporting solutions.
- Administering the HR database including security access, monitoring, tuning, backup, and recovery.

### LANGUAGES KNOWLEDGE

- Native in Spanish, proficiency in English.

### INTERESTS & ACTIVITIES

- Online businesses, stock market, and tennis.