**LAWRENCE T. QUESADA**

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[GitHub](https://github.com/ltq477) ♦ [LinkedIn](http://www.linkedin.com/in/LawrenceQuesada)

**Data Scientist**

As an enthusiastic learner in the field of data science, I have the necessary skills to implement a variety of practical and real-world projects using data science and machine learning. My experience in IT Network and Systems support gives me an advantage in the use of a variety of technologies available to us. I look forward to using these new skills to provide insights and answers using data, which can either resolve or improve our interaction with products.

### SKILLS

**Sills:** Linear Regression, Logistic Regression, Hypothesis Testing, Supervised and Unsupervised Machine Learning, Data Analytics, Plotting, EDA, Feature Engineering.

**Tools:** Python, Jupyter Anaconda, Numpy, Pandas, Sklearn, Seaborn, Matplotlib, SQL, GitHub, TensorFlow, Classification and Regression Models

### RECENT PROJECTS

**Understanding the Japanese Population** | [GitHub](https://github.com/ltq477/Thinkful/tree/master/Capstone%20I) |

*Project involved analyzing the trend in the decline of the Japanese population.*

* Used a benchmark of 1945 to distinguish the trend and performed Hypothesis test testing to understand the difference. Concluded by establishing that the trend of decline in population excludes large metropolitan areas.
* Tech used: Python, Hypothesis testing. Kruskal-Wallis Test, Matplotlib and Seaborn

**Predicting Hotel Cancellations** | [GitHub](https://github.com/ltq477/Thinkful/tree/master/Capstone%20II%2C%20Supervised%20Learning) |

*Tasked with identifying features that could cause hotel booking cancelations.*

* Provided recommendations about the important features management may implement to reduce booking cancelations.
* Tech used: Python, Matplotlib, Seaborn, Pandas, Supervised Machine learning classification models such as Logistic Regression, Random Forest, Balanced Rando, Forest, Support Vector Machines and Boosting.

**Unsupervised Learning** | GitHub |

### CAREER HIGHLIGHTS

**Thinkful** Los Angeles, CA

**Data Science** June 2020 – Present

Gained knowledge in research, collection of data and on several machine learning and statistical models in order to give meaning to data.

* Collected data to run experiments
* Cleaned, explored, and presented data visually.
* Performed several machine learning models to give clarity to data.

**Multi-Pak Corp**, Chatsworth, CA

**Systems Engineer** August 2010 to Present

Managed and continually supported all Technology requirements and issues required by the organization. Manages small to complex projects defined by company needs. Oversee aspects including fact-finding, analysis and development of hypothesis and conclusions, final reports production and presentation delivery. Ensure project delivery meets expectations regarding time and set budget. Procure and purchase technology equipment as needed.

* Migrate software and data from old servers/pc to new replacements
* Independently maintained servers, workstations, printers, Wi-Fi Hotspots, smartphones, and other technology needs of company.
* Support users and departments with ongoing technology assessments and maintenance
* Traveled to different locations to meet with management and coordinate support and project implementation,
* Procured technology equipment as needed on an ongoing basis.

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* Experienced with server farms, MS Windows, Apple, MS Office, TCP/IP, Networking, VM Ware, Amazon Web Services, SQL, DHCP, VMware ESXi, Printing, remote location, video, voice and data services, Microsoft365, domain controller, remote support and backup, HP ProLiant Servers, Printers and other various technologies.

**Neocomp Systems Inc.**, Chatsworth, CA

**Systems Engineer** May 2001 to August 2010

Responsible for planning and engineering of systems infrastructure. Monitored performance aspects of systems. Supported small and large-sized clients working remotely and via onsite. Major clients included City of Los Angeles, LA Dodgers, LA County and Multi-Pak Corporation.

* Delivered first-hand support for 5,000+ servers for City of Los Angeles
* Independently maintained servers and workstations for various clients
* Managed and supported all hardware, software and technology needs internally and externally
* Served as disaster recovery and backup implementation specialist monitoring backups daily
* Reviewed, properly documented, and evaluated procured technologies for vendors
* Technical consultant for clients and numerous internal team projects

### EDUCATION

2012 – Walden University, 3.95 Cumulative GPA

**Master of Science, Business Administration with emphasis in Marketing**

1999 – De La Salle University, 2.5 Cumulative GPA

**Bachelor of Science in Business, major in Computer Applications**

### PROFESSIONAL LICENSES/CERTIFICATIONS

* CompTIA A+
* CompTIA Server+
* Microsoft MCP
* Microsoft MCSA 2000
* Symantec Backup Exec
* HP APS ProLiant Server

### AFFILIATIONS/HONORS

**Toastmasters International, District 52** April 2008 to Present

**Global Organization that trains individuals in speaking and leadership skills.**

**Highlights**

* Fall 2013 1st Place Winner, District 52 Evaluation Contest
* Distinguished Toastmaster (DTM)

**Program Quality Director 2020-2021**

* Responsible for the implementation of Training and Education program to over 97 Toastmasters clubs.

**Finance Manager 2015-2017**

* Bookkeeping, reconciliation, accounting, and financial management of D52 Toastmasters

**Area Governor 2014-2015**

* Managed 4 Area clubs, fulfilling requirements designated by the organization.
* Select Distinguished Area