

Contact

www.linkedin.com/in/jmportilla
(LinkedIn)

Top Skills

Machine Learning
Matlab
Python

Languages

English (Native or Bilingual)
Spanish (Full Professional)

Publications

Implantable Electrolysis Micropump
with Bubble Recombination.

Low-power, self-contained,
reciprocating micropump through
electrolysis and catalyst-driven
recombination toward drug delivery
applications.

Patents

SILVER NANOPARTICLE
BASED COMPOSITE SOLAR
METALLIZATION PASTE

Jose Marcial Portilla

Data Science Training and Consultant
Las Vegas, Nevada

Summary

Data Scientist seeking out interesting problems.

Experience

Pierian Data Inc.

Head of Data Science

November 2015 - Present (4 years 5 months)

Head of Data Science at Pierian Data Inc. Providing Fortune 500 companies
with Data Science and Programming Training and Consultation.

Python for Data Structures, Algorithms, and Interviews! on Udemy
Course Creator and Instructor

February 2016 - Present (4 years 2 months)

Python for Data Structures, Algorithms, and Interviews! on Udemy

- Created comprehensive course on using the Python to ace coding interviews!
- Over 200 lectures covering advanced topics.
- Topics include Interview Preparation, Mock Interviews, Data Structures, Algorithms, and more.

Complete Python Bootcamp on [www.Udemy.com](https://www.udemy.com)

Course Creator and Instructor

October 2015 - Present (4 years 6 months)

- Created comprehensive course on using the Python programming language
- Over 100 lectures covering advanced Python topics.
- Topics include advanced Python module usage.

Learning Python for Data Analysis and Visualization on
[www.Udemy.com](https://www.udemy.com)

Course Creator and Instructor

February 2015 - Present (5 years 2 months)

- Created comprehensive course on using Python programming for data analysis and visualization.
- Over 20 hours of video and over 100 lectures utilizing various Python libraries.

- One of the most popular and best rated Python courses on Udemy with thousands of student enrollments.
- Course covers multiple topics Including numpy,pandas, matplotlib, seaborn, SQL, SciKit-Learn, statistics, and more.

Computer Technologies Consultants, Inc. (CTC)

Data Scientist Consultant

August 2015 - August 2015 (1 month)

Remote Contract

- Advised client on refactoring R code for integration into a full stack Python solution.
- Answered client questions on Python and Pandas best practices.
- Instructed employees on various data science techniques utilizing Python through code reviews.

PLANT PV

Research Engineer

August 2014 - January 2015 (6 months)

Berkeley California

Worked with a small Startup team in creating novel metal pastes for solar cells. Developed best practice for paste development and manufacturing. Automated a variety of tasks, including creating analysis and presentation software.

Santa Clara University

3 years 7 months

Teaching Assistant

September 2012 - March 2014 (1 year 7 months)

Santa Clara

Instructed and manage weekly lab sessions for students.
Revised and improved laboratory manuals in addition to grading homework and providing feedback on lab reports.
Assisted in renewed course layout and experiment design.

Research Assistant

September 2010 - March 2014 (3 years 7 months)

Santa Clara

Leader of design team for novel catalytic electrolysis micropump. Developed characterization experiments, as well as novel rapid fabrication methods for micropump.

Education

Santa Clara University

Master of Science (M.S.), ThermoFluids · (2012 - 2014)

Santa Clara University

Bachelor of Science (B.S.), Mechanical Engineering · (2008 - 2012)

Udemy