

Cennen Del Rosario

Data Scientist · N2 Japanese Language Specialist

A data scientist with proven experience in various statistical modelling techniques. An expert in Time Series Forecasting and Deep Learning. His current research work involves the application of Natural Language Processing on JLPT materials. He used to be a software engineer developing web applications in banking, airline and healthcare industries.

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SKILLS

Machine Learning

Data Analysis

Natural Language Processing

Data Visualization

Software Engineering

Hypothesis Testing

Time Series Forecasting

Bayesian Analytics

Survival Analysis

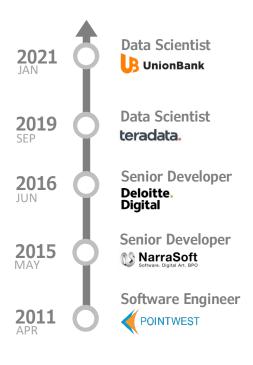
Modern Optimization

Bioinformatics

ALGORITHM STACK

Linear Regression Logistic Regression				
KDE	Ridge K-Means		PCA	
SVM	LDA	Metropolis-Hastings		
Naive Bayes KNN Gibbs Sampler				
Random Forest Gradient Boosting				
Markov Chain Monte Carlo CNN				
Decision Trees				
Bootstr	Cluste	ring	LSTM	
ARIMA	ETS	VARMAX		GAM
CoxPH Kaplan-Meier Cubic Spline				

WORK EXPERIENCE



- End-to-end data science solutions to Aboitiz companies
- Forecasting electricity market demand and price
- Statistical optimization of contract price and portfolio
- Modelling sulfur dioxide emission and outages of power plants
- Evangelized time series analysis to the Analytics team
- Applied survival analysis in a Banking Churn POC project
- Created POC in topic modelling and NLP of 日本語 tweets
- Handled Perl in a data migration project
- Built, maintained, and supported websites in AEM
- Managed marketing campaigns using Adobe Campaign
- Acted as DevOps support for a retirement company
- Developed and maintained websites using CQ5
- Functioned as a full-stack developer for a US retail company
- Practiced all aspects of Agile software development
- Contributed to the website development and maintenance of a local bank and a US airline company
- Lead a team of junior developers in a web reskinning project

EDUCATION AND TRAININGS

BGC, Taguig City

University of the Philippines Diliman, Quezon City

2004-2010

University of the Philippines

Ongoing

Data Wrangling Statistical Inference Computational Statistics Machine Learning Forecasting Analytics Bayesian Analytics Deep Learning Knowledge Data Discovery Linear Programming

Online Courses and Paths

1 Udemy

Survival Analysis in R Interactive Dashboard with Plotly and Dash Python for Time Series Data Bioinformatics with Python 2020 Reinforcement Learning

Linked in Learning

Advance Your Skills in Deep Learning and Neural Networks Become a Financial Analyst Become a Machine Learning Specialist

Become a Business Analytics Expert Become a Data Analytics Specialist Tableau Essential Training Become a Data Visualization Expert

Technical Trainings

PHILIPPINE GEN Bioinformatics Training: Viral Metagenomics and Protein Structure Analysis

> Story Data Storytelling for Business



Adobe Campaign for Developers

TECHNOLOGY STACK







































