

Joshua Cuballes

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EDUCATION

Asian Institute of Management (AIM) Master of Science in Data Science Subjects of Focus: <i>Big Data and Cloud Computing, Deep Learning, NLP, Complex Networks</i> <ul style="list-style-type: none">Date of Graduation: July 2020Capstone: Predicting Audience Size & Engagement of Influencer/Publisher Posts	Location: Makati 2019-2020
University of the Philippines Diliman (UPD) Bachelor of Science in Mathematics Subjects of Focus: <i>Number Theory, Actuarial Science, Game Theory, Complex Networks</i> <ul style="list-style-type: none">Thesis: Complex Network in Philippine Stock MarketGWA: 1.8298	Location: Quezon, PH 2014-2018

WORK EXPERIENCE

Smart Communications, Inc. Business Analyst Responsibilities: validation and daily basis report making <ul style="list-style-type: none">Validated the Subscriber's Base report removing risk of incorrect reporting to managementHandled data management of the team; cleaned the data to be used for reportingProjected churn rate to be submitted to top management for business decision making	Location: Makati, PH 2018-2019
CitiSecurities, Inc. Intern Responsibilities: on the spot job and listen to instructors <ul style="list-style-type: none">Created and presented investment reports used for trading decisionsLearned a lot of stock trading strategies since the internship is more of a bootcamp	Location: Pasig, PH 2017

PROJECT

Jbot – A Custom Made Chatbot Created model and deployment <ul style="list-style-type: none">Can reply from random questions, however, the reply sometimes doesn't make senseUsed Natural Language Processing (NLP) to process the data, then used Flask to deploy the chatbot	Location: AIM 2019
Predicting Dota 2 Match Outcomes using Machine Learning Classifiers Created model and presenter <ul style="list-style-type: none">Correctly predicted the outcome of six out of ten gamesProcessed 99Gb zipped file using Amazon Web Services (AWS) to predict Dota 2 match outcomes	Location: AIM 2019
Implementation of Air Writing Recognition using a 3-Layer Convolutional Neural Network Created model and deployment <ul style="list-style-type: none">Can predict 70% real time air writing (needs better camera to get higher accuracy)Implemented a handwritten digit's prediction using neural network and Open-CV	Location: AIM 2020
Stock Analysis Trader System Created database architecture <ul style="list-style-type: none">Smooth data transition (however it is costly since we used AWS)Implemented a dashboard using AWS Quicksight and other AWS Tools	Location: AIM 2020
University of the Philippines Mathematics Club (UPMC) Academic Affairs Committee Member <ul style="list-style-type: none">Income Generating Project – generated income for the organization, i.e. selling cup cakesOrganized competitions - Little Math Wizard, Freshmen Math Quiz, and Math WizardIncreased membership through connecting with other circle of friends	Location: UPD 2016-2018

OTHER INFORMATION

- Skills:** Machine Learning, Deep Learning, Big Data Analysis, Amazon Web Services, NLP, Complex Networks, Geospatial Analysis
- Languages:** Fluent in English and Tagalog; Basic Knowledge in Mandarin and Latin
- Interests:** Stocks trading, Any computer games, Any sports, Any martial arts
- Work Eligibility:** Eligible to work in the Philippines with no restrictions