

Contact

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

Top Skills

Data Analysis
Python
Web Scraping

Languages

English (Native or Bilingual)
Chinese (Native or Bilingual)

Certifications

Improving Deep Neural Networks:
Hyperparameter tuning,
Regularization and Optimization
Structuring Machine Learning
Projects
Neural Networks and Deep Learning
Deep Learning Specialization
Sequence Models

Shannon Chan

Senior Data Scientist at Carousell
Singapore

Summary

Shannon kickstarted the Data Team in Carousell building up ETL & BI reporting processes. Subsequently, he helped build its Machine learning infrastructure and is responsible for various data-driven features within Carousell, including models for search, spam and recommendation. Currently, he is responsible for building Deep learning models for Ads Targeting in Carousell.

As a person who enjoys tinkering, Shannon likes to create useful tools for his friends and family as side projects. He is also a drone enthusiast, having built his own drone and hoping to orchestrate a swarm of drones one day.

Experience

Carousell

Senior Data Scientist

June 2016 - Present (4 years 11 months)

Singapore

- Responsible for deep learning models for search and ads ranking from query and user, including suggested queries for keyword bidding on promoted listings.
- Predicted click through rate models
- Formulate search relevance ranking algorithms in ElasticSearch
- A/B experimentation setup for Search
- Building up Machine Learning pipeline and infrastructure on Google Cloud Platform
- Setup of ETL & BI reporting processes and orchestration
- Others: Identifying spam in listings, user location targeting and custom CRM mailers

Hackwagon Academy

Senior Instructor

January 2019 - Present (2 years 4 months)

Nitrous Inc.

Data Scientist

January 2015 - December 2015 (1 year)

San Francisco Bay Area

- Developed dashboards and automated KPI reporting system, including real-time NPS scoring
- Modelled pricing strategy and developed dynamic pricing tool for generate pricing quotes for inbound leads
- Developed revenue forecasting models
- Generated business sales leads through web-scraping and sentiment analysis
- A/B testing of marketing campaigns
- Identified user magic moments and key indicative points of conversion for UI changes leading to boost in engagement
- Implemented fraud detection algorithm to reduce fraudulent usage of product

Citi Private Bank

Cititrust Intern

May 2014 - August 2014 (4 months)

Singapore

- Led data migration project in the sun-setting of existing 4-series trust database to newer Citi Trust Platform system
- Automated Accounts Receivables (A/R) reconciliation using exported A/R journal entries from accounting system

Citicorp Investment Bank

Innovation Lab Intern

October 2012 - December 2012 (3 months)

- Identified total transaction volume, at approximately US\$50 million, from 3-month receivables data of 20 focus companies, potentially to be captured as float revenue
- Designed and automated process flow on calculation float revenue from receivables data via Microsoft Excel VBA
- Assisted in designing process flow for a credit rating analysis of focus companies through automated data extraction of credit ratings from the Bloomberg terminal

Education

Stanford University

Bachelor's Degree, Technopreneurship · (2015 - 2015)

NUS Overseas Colleges

Data Science · (2015 - 2016)

National University of Singapore

Bachelor's Degree, Accountancy, Finance · (2011 - 2014)

Warsaw School of Economics

Bachelor's Degree, Accounting and Finance · (2013 - 2014)

Victoria Junior College

· (2007 - 2009)