Zhu Chen

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EDUCATION BACKGROUND

BNU-HKBU United International College   *2014.09-2018.06*
- Major: Statistics (GPA:3.78/4.0)
- Degree: Bachelor of Science (Honors) in Statistics, HKBU
- Academic Award:
  The Dean's List   The President's Honors Roll
  Second Class Award (2014-2015)   First Class Award (2015-2016)
  Mr. Fung Sun Kwan Scholarship   First Class Award (2016-2017)

EXPERIENCE

International Summer Institute for Business Management   *2015.08-2015.09*
University of Victoria, Canada
- Got acquainted with the Business Communication, Entrepreneurship, Service Management and International Business.

School of Continuing Education and Summer Sessions   *2017.07-2017.08*
Cornell University, U.S.
- Participated in AEM 1300: Introduction to Macroeconomic Theory and Policy

Paison Technology Group, Tuandaiwang   *2017.12-2018.06*
Data mining Engineer (internship)
- Constructed a customer churn model to predict the customer churn and design appropriate strategies to retain (and hopefully grow) the userbase.

BNU-HKBU United International College   *2018.7-2019.02*
Research Assistant (ongoing)
- Research area: wavelet transform and others & Teaching Assistant for Calculus.

PROJECT

A Random Coverage Problem, *Final Year Project (FYP)*   *2017.05-2017.12*
- Constructed a mathematical model based on Number-theoretic methods (NTM's) or quasi-Monte Carlo methods to simulate the lifetime of a rotary ball roller in the steel industry.
- Designed a full factorial design to investigate the effects of certain parameters on the lifetime of the corresponding ball roller.
- Collected the lifetime data from the simulation process to analyze the possible distribution of the rollers' lifetime.

Model of Customer Reinvestment Prediction on LightGBM, *FYP II*   *2017.12-2018.06*
- Constructed a classification model to predict the customer reinvestment behavior by using a new LightGBM algorithm, which speeds up the traditional Gradient Boosting Decision Tree (GBDT) algorithm.
- Improved the prediction accuracy by adding GBDT transformed features to the original data (practical data collected from Paision Technology Group, internship company).

ADDITIONAL INFORMATION

- **Computer Skills**: MATLAB, R.
- **Language**: Native Chinese speaker. Fluent in English & Conversational Japanese.