

# LIN YILING

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## Education

**Beijing Normal University**                      **GPA: 3.86/4.0**                      2014.9-2018.7  
Bachelor of Management Science

## Internship & Work Experience

**Campus.swarma.org**                      **Products algorithm developer & data analyst**                      2018.06- present

- Realizing GCN and other Deep Learning algorithms to develop a product recommend system;
- Developed 'Force Directed' algorithm to arrange the layout of visualization;
- Analysed the co-relation among the macro-data(pv, uv) and visualised the findings through Processing;
- Analysed sales data, involved in creating and calculating KPI, assisted operation;
- Joined in database design group: tackle details and logic of background database and cleaned valuable index;
- Engaged in package-embedded group to transmit data automatically in the framework of our website

**JD Supply chain Division**                      **Books inventory data management intern**                      2018.01-2018.03

- Used VBA to achieve the automatic fill-in and data split of the new products' order sheet;
- Operated inventory model (Shortage/ return/ allocation model) and adjusted models to meet new demands;
- Dealt with routine emails, streamlined the communication among warehouses national wide.

## Research projects

**Predict the price impact on the stock market by Random Forest**                      2018.05

- Used python to process the level-2 order-book per second data and created indicators;
- Built weighed Random Forest Aggregation model according to paper based on random forest package;
- Modulated the parametres for better performance and tested the robustness of model.

**Undergraduate Research Fund:**                      2015.09

**The individual's tax declaration behaviour under different declaration 'climate'**

- Designed behavioral experiments to quantify the 'tax-declaration climate';
- Used Z-tree to program human- machine interaction and presented to the panel.

## Extracurricular activities:

**ICM- Solutions to long queue at Chicago Airport**                      **Team leader**                      2017.02

- Arranged individuals' workload, group meetings and scheduled the entire process;
- Sought for queuing models and verified their effectiveness;
- Used Matlab to engage in Monte Carlo simulation.

**CUMCM- Positioning through sun's shadow length**                      2015.09

- Consulted references of relevant models and algorithms about positioning using video data;
- Illustrated the geographical model in report.

## Awards

- University scholarship: Major award;                      2015-2016
- Winner of CUMCM;                      2016
- Third prize of Physics Contest for Economics and Art Department.                      2015

## Skills & Interests

### Skills

Good knowledge of Programming: Python, R, Eviews, Processing, mysql;

### Interests

- Drum set, cycling, swimming, jogging.