

Zhang Xiao Yun

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🎓 EDUCATION

Xián Jiaotong University

2014/09 – 2018/07

Computer and Science major

- GPA: 3.65/4.3
- Rank: 4/157

National University of Singapore

2016/08 – 2016/12

School of Computing

- Exchange student
- GPA: 4.5/5.0

👤 RESEARCH & EXPERIENCE

EDEN Lab

2015/08 – Present

Researcher, Information and Technology Program

- Use the SIR model to simulate the spread of event interest within an Event-Based-Social-Network (EBSN).
- Utilized model to design an algorithm that recommends events to potential attendees, reaching an accuracy of over 60 percent.

Search-Technology-Center-Asia (STCA), Microsoft

2017/07 – 2017/10

Intern

- Designed and implemented an analysis tool for detecting and classifying errors occurring in the HK-Invoke Out-Of-Box-Experience.
- Implemented state-of-the-art text classification methods, including TF-IDF and linear SVM, as foundation; refined tool with anomaly detect (PCA) and pre-trained word-embedding to raise accuracy.
- Use PowerBI to visualize the results.

National University of Singapore

2016/08 – 2016/12

- Wrote a compiler for mini-go (Go language subset) using OCaml, inclusive of a fully-functioning parser, grammar checker, type check and binding module, intermediate code, and machine code generator.

♡ HONORS & AWARDS

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| • Peng Kang Scholarship recipient, Top 5 of 157 students | 2015/10 |
| • National Scholarship recipient, Top 3 of 157 students | 2016/10 |
| • Outstanding Graduates, Top 10 of 157 students | 2018/07 |

⚙️ SKILLS

- Programing Language: Python > (C & C++) >>> Java & Go
- English: TOFEL 105