

# Pan Yang

Software Engineer

 Male

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## Skills

c/c++



.net



linux



network



## Interest

Software Development  
Algorithm

## Education

**2014.09-2018.07** University of Electronic Science and Technology of China

Majoring in Information Security Bachelor degree GPA: 3.8/4.0

**2018.09-Present** Institute of Computing Technology, Chinese Academy of Sciences

Master candidate

## Projects

**2018.1-2018.8** Microsoft Research Asia

### TableLink for Spreadsheets Intelligence

This project aims to discover latent relations of tables in spreadsheets, which is an enabling technique for spreadsheet intelligence such as Excel Insights. Below are my contributions:

- Visualization of TableLink
- Write an algorithm to automatically convert TableLink results to PowerQuery code in M language for better query experience in Excel Insights.
- Test and find some bugs.

### Metadata Recognition

This project aims to recognize metadata of table in Excel Insights. Below are my contributions:

- Proposed and improved a method to classify column to Dimension/Measure or Sum/Average based on header string.
- Metadata Globalization: Help to implement and verify a standardized process to expand this Metadata Recognition process to more languages. French, Japanese, Spanish, German and Chinese.

**2016.3—2017.4 Unified Management Platform for Smart Devices** c++

(Multi-Agent Robotic System Lab)

- Customize the unified control interface that controls the smart device. Call the SDKs of different smart device vendors by calling the dynamic library to control the smart devices.
- Integrated cse platform, according to oneM2M protocol standard equipment resource management.
- Test with U+ of Haier.

## Honors & Activities

1. 2018.1-2018.8, Research intern of Microsoft Research Asia.
2. 2014-2015, The Second-Class People's Scholarship.
3. 2015-2016, The First-Class People's Scholarship.
4. 2017, H award, Mathematical Contest in Modeling.
5. 2016.3-2017.4, Member of the lab of multi-intellectual and robotics, supervised by Professor XuYang
6. 2016.9-2017.6, Tutor of administrative class of computer science in 2016
7. 2015.3-2017.6, Member of elite class of computer science.
8. 2014.9-2016.6, Member and chief of Foreign Affairs of College of Computer Science and Technology.