

Artificial Intelligence For NLP

人工智能与自然语言处理课程组

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Outline

- i. Course Background
- ii. AI Introduction;
- iii. Automata And Syntax Tree;
- iv. Assignment

1/5 Background

Why does this course exist?

Three Stories:

- 1. 2016 Alibaba Group & Ant Financial.
- 2. My girl friend and sister are looking for a job.
- 3. The good result of the last term.

Three problems we want to solve

- 1. Confidence
- 2. Capacity
- 3. Continuation

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Three problems we want to solve

- 1. Capacity: The solid and systematic background.



The farther backward you can look, the farther forward you are likely to see.

(Winston Churchill)

Three problems we want to solve

- 2. Confidence: A job is the least requirement of a promising man.



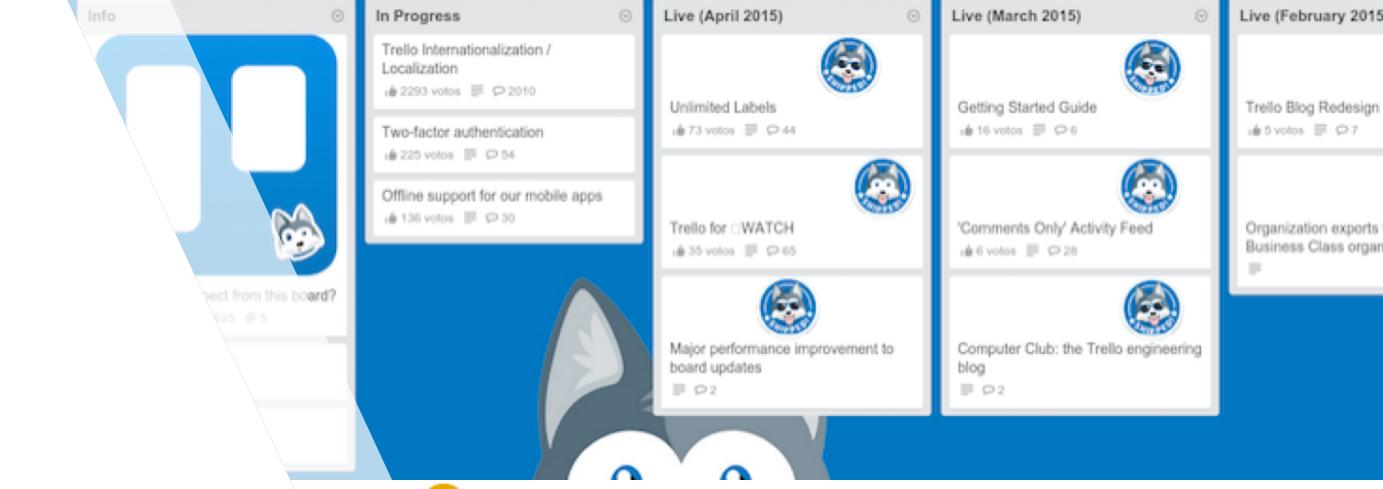
Three problems we want to solve

- 3. Continuation :
Keep learning and
solve the future
unknow problem.



What does our course contain?

- 1 Kernel Course *Artificial Intelligence for NLP*
- 2 Out Source Courses: *Computer Programming Design, Analysis and Design of Algorithm*
- 3 Platforms to collaborate: github, trello, slack



TA and QA system

- 1. Post your question in trello
 - 2. Talk project or programming problems in slack
 - 3. Email your problem to me.
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- TA:
 - Zhouhan, Zju, Master of Computer Science
 - Zhangnan, Whu, Master of Computer Science



2/5 AI Introduction

What AI Solved?

- Sources:
 - <https://www.youtube.com/watch?v=vjSohj-lclc>
 - 大众点评 搜索海底捞 选择一家 拨打电话
 - Question: How many *AI methods they using. (split room and talking)*

Question

- Classify the applications or system based dimensions.

- [] Auto Composition
- [] Voice Recognition
- [] Stock Prediction
- [] Service Robot
- [] Anti Money Laundering



And, can you figure out some more?