



Understand What They Are Talking About

“y1s1”, “Fr”, “nbc”, “YOLO”... Do you understand these words? Have you ever used them to express yourself on the internet? If the answer are yes, congratulations, you will have no barriers to access all information online. However, you may unintentionally cause trouble to others, especially for BVI (blind and visually impaired) persons.

BVI people cannot really “read” texts on websites or Apps. A screen reader is a tool that transfers textual information into voice information and helps BVI people to understand what other people are talking about. However, a screen reader may not work with internet slang or abbreviations. The scenario is even worse when reading multilingual texts.



In this thesis, we want to build a tool to help BVI people understand informal texts. We will also evaluate how this tool improves their experience in surfing websites and Apps.

Requirements: Basic programming skills and prior knowledge in Nature Language Processing are required.

We will have weekly meetings to address questions, discuss progress, and think about future ideas.

Interested? Please contact us for more details!

Contact

- Ye Wang: wangye@ethz.ch, ETZ G63
- Zhao Meng: zhmeng@ethz.ch, ETZ G61.3