



# SAMSARA: DISCOVER YOURSELF THROUGH CHATS

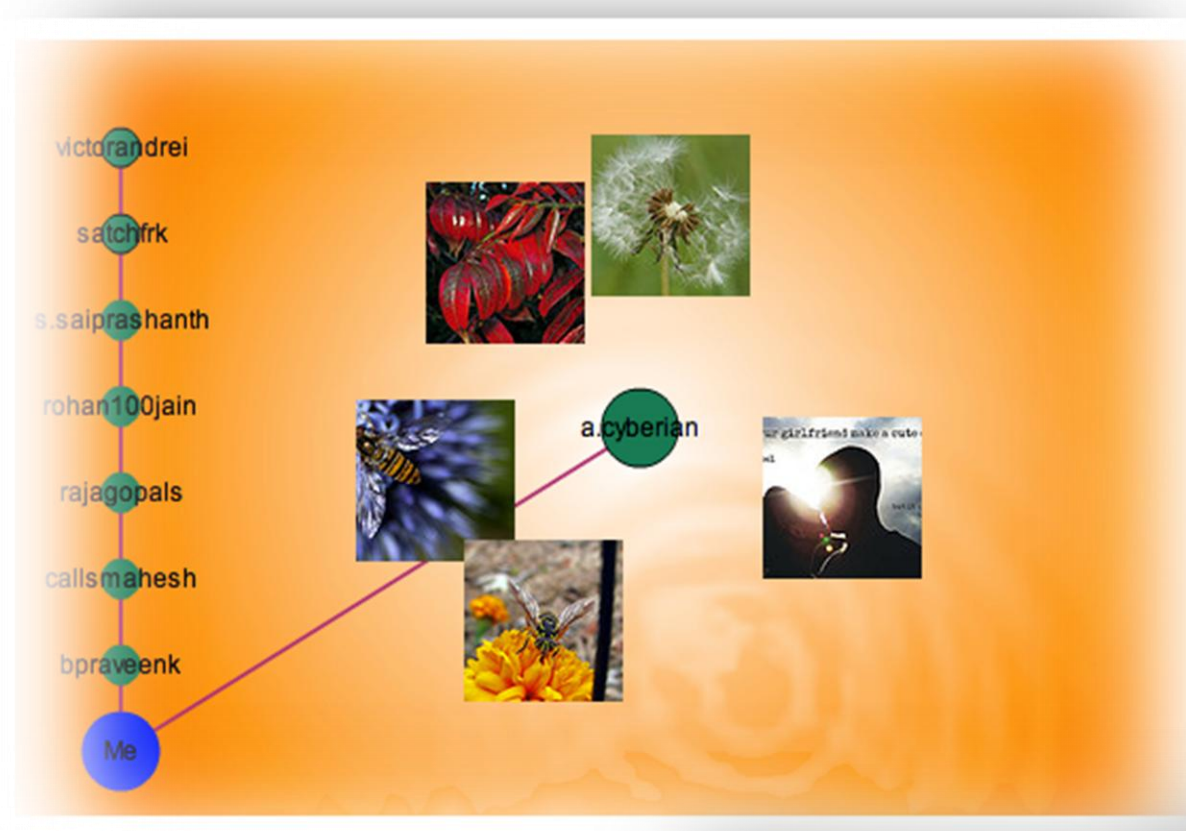


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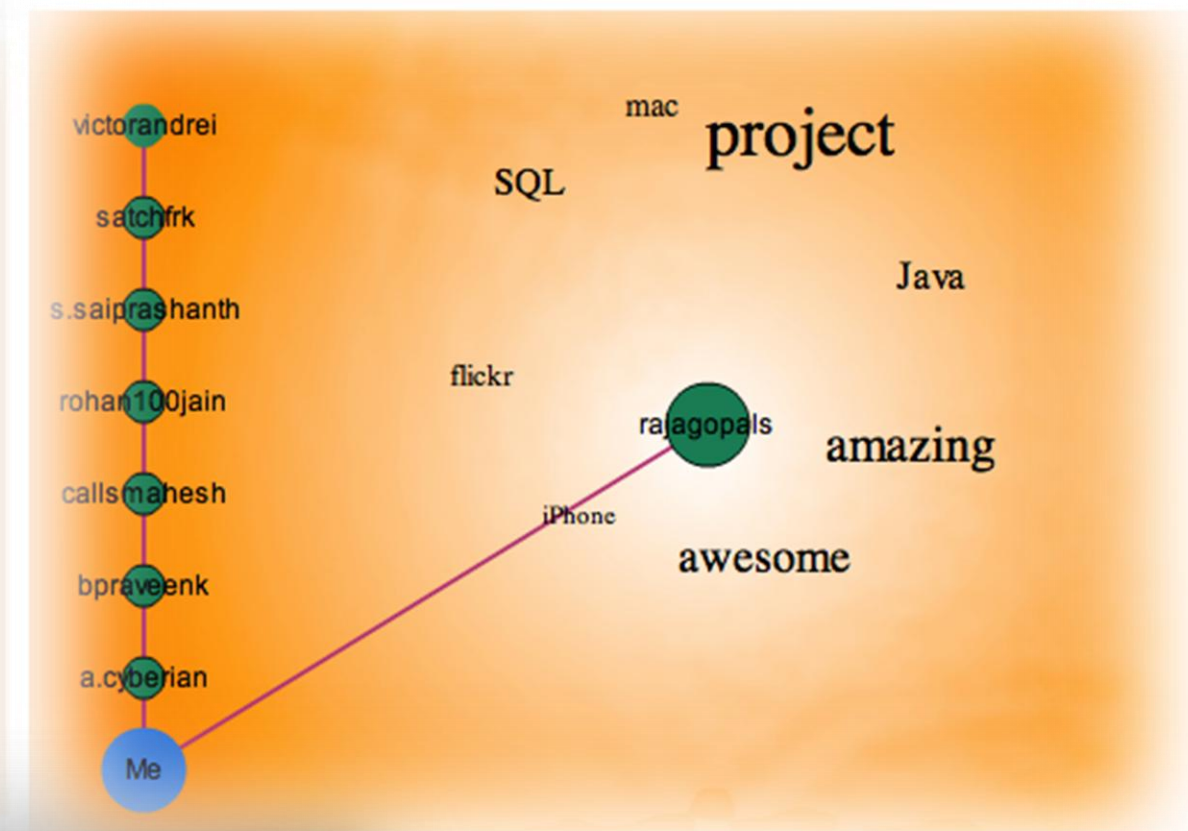
## Interactive chat history visualization: Emotions, photos and wordmaps

### Motivation

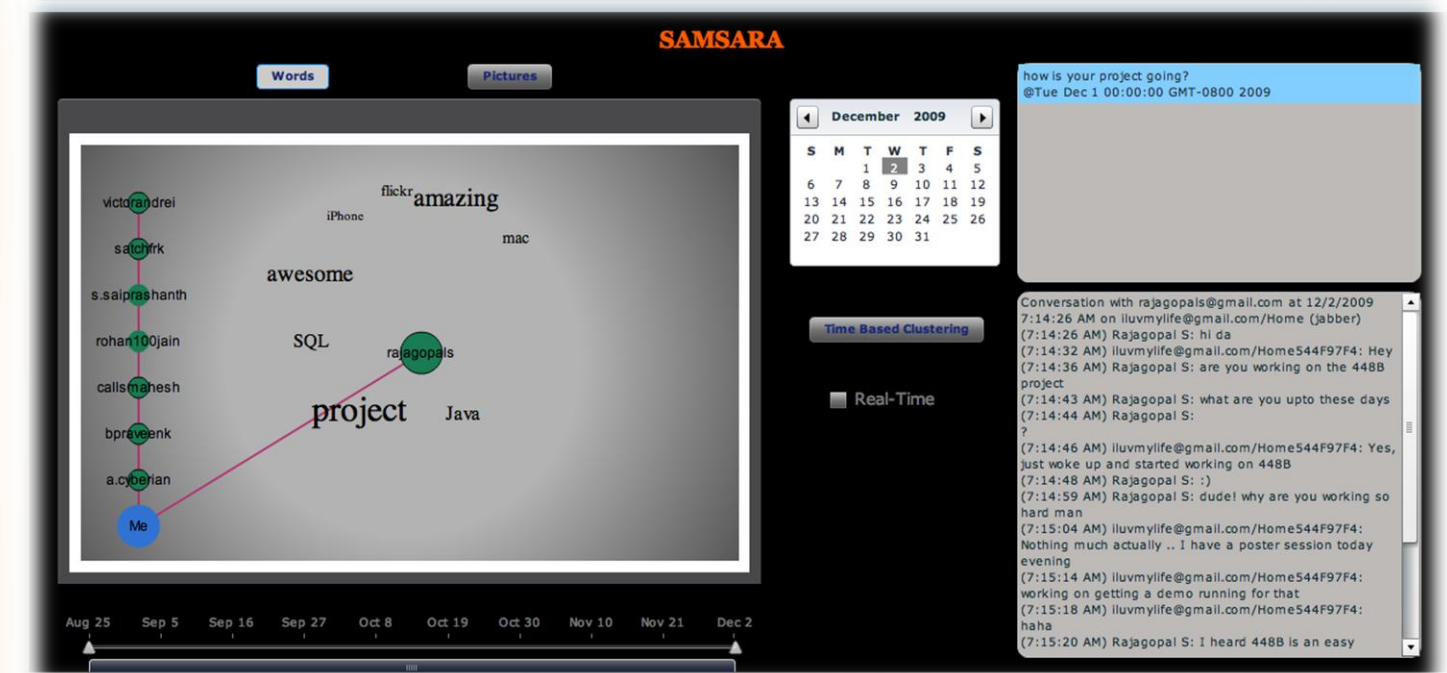
- People change over time
  - friends change
  - vocabulary changes
  - our state of mind changes
  - emotions fluctuate
- Visualize changes over time
- Timelined socio-behavioral map
- Self reflection and recollection of past
- A down-the-memory-lane adventure



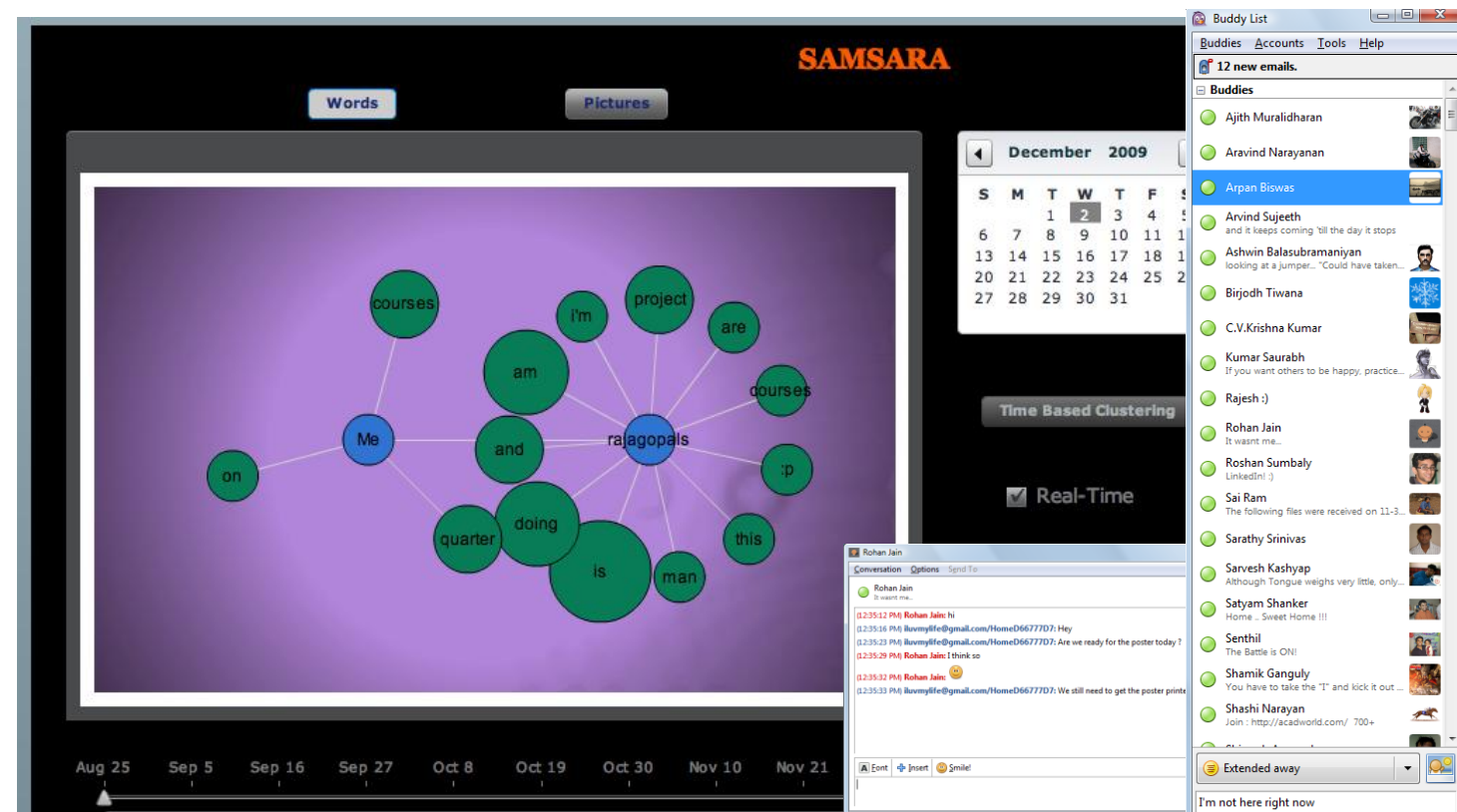
Photos and state-of-mind



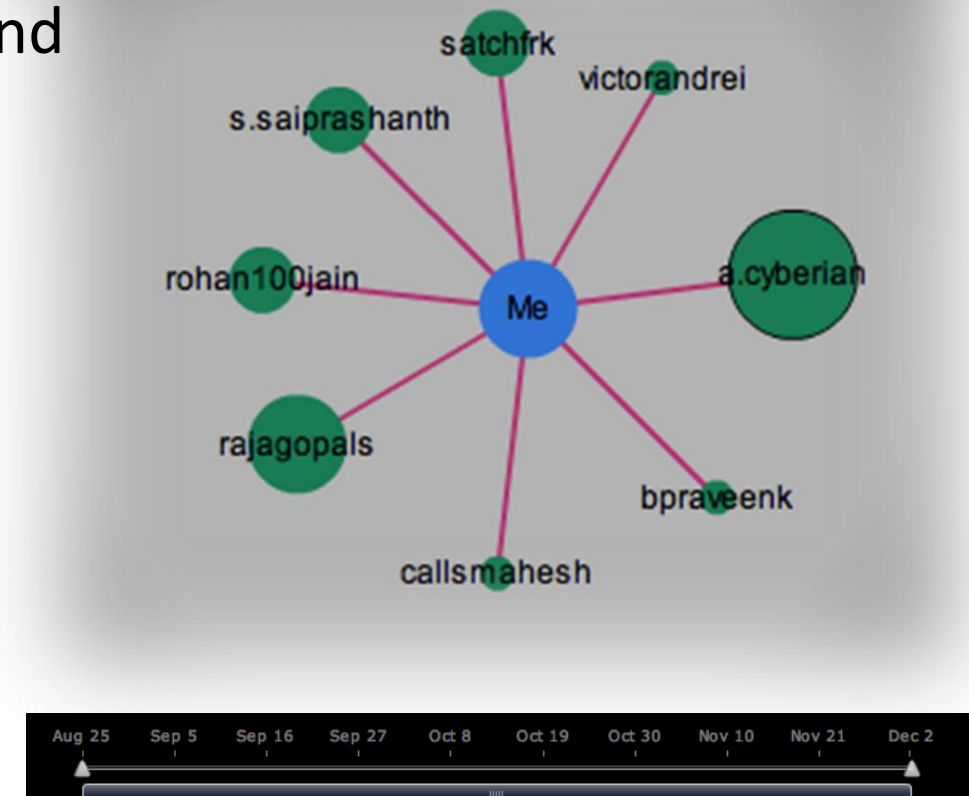
Vocabulary word maps



Key-word based chat visualization

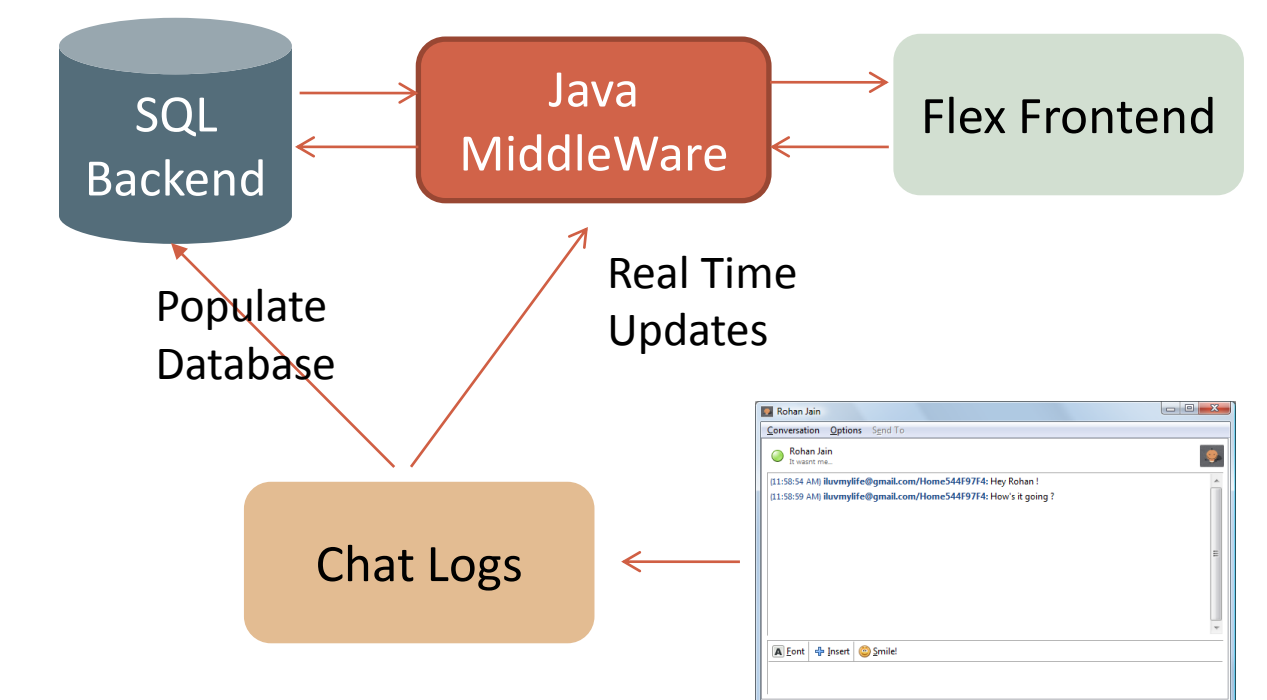


Real-time conversation visualization



Time-lined friends network

### Architecture

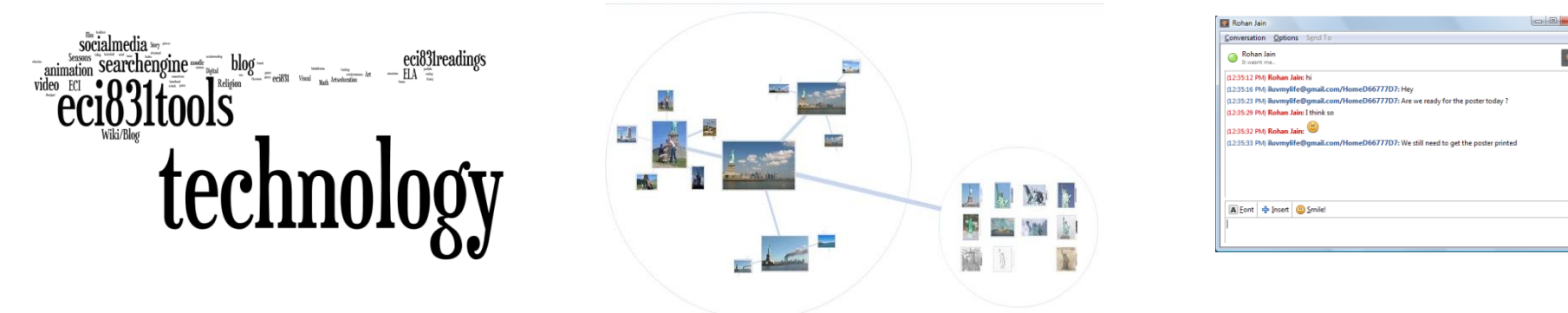


### Problem

- Visualize social interaction
- Chats: Amazing indicators of social interaction
- Create an interactive visualization that captures changes in a person over time
- Visual augmentation of plain text communication

### Approach

- An interactive chat conversation visualization
- Geo-centric network based visualization



### Future Work

- NLP for chat-based sentiment analysis
- Group chat visualizations
- Keyword based search on chats
- Integration with Google Wave chat client