Resume-Zhao Shuaijiang

Basic Information

- Name: Zhao Shuaijiang
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- Homepage: http://zhaoshuaijiang.com/about
- Github: https://github.com/shuaijiang

Career Objective

- Software Engineer
- Speech Synthesis

Education

- 2009-2013, Beijing University of Posts and Telecommunications. Intelligence Science and Technology, Bachelor of Engineering
- 2013-Now, Peking University. Intelligence Science and Technology, Master of Science, excepted 2016

Skills

- Program Languages: Master C/C++ and Perl; Know Python and Java well
- English: College English Test Band 6
- Awards:
  - Master's special scholarship(2014)
  - National Endeavor Fellowship(2010-2012)
  - Learning excellence award(2014)
  - Essay Writing Competition(2011-2012)

Projects

- Handwritten Digit Recognition System: Training an Artificial Neural Network to recognize the ten handwritten digits. Use BP algorithm to train the network, and implement the system using QT C++.
- Movie Information Retrieval System: Collect movie information through the douban API. Process the raw data and build inverted indexes. User can retrieval the information. Achieved by Perl and GTK2.
- Speech Retrieval System: Extract speech from multimedia data, label speech to get label documents; Build inverted indexes; Then, analysis the query and compute the cosine distance between query and documents; Send the multimedia of the document to user.
- DNN based Speech Synthesis: DNN used for modelling the map the text feature to acoustic feature.
- MGE based Speech Synthesis (Sogou): Use MGE as the criterion of model training in speech synthesis .

Experience

- Department of Communication (2014), Institute of information science and technology, PKU: Responsible for communication with the brother institutions and enterprises.
- Classroom Assistant, BUPT (2010-2012): Responsible for the teaching devices and cleaning.
- Volunteer, Puyang, Henan (Summer 2010): Provide services to the public, such as guiding and cleaning.

Hobbies

- Running: Participate in Beijing marathon(2014)
- Swimming: Member of Swimming Association