Guan-Lin Li

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SUMMARY

I am a new graduate from National Cheng Kung University and engaged in the research of natural language processing and text mining. My master thesis is using probability model to predict aspect rating from hotel reviews. Moreover, I have some experiences about maintaining website and redesigning database schema.

EDUCATION

National Cheng Kung University		**Tainan, Taiwan**
M.S. in Computer Science and Information Engineering	GPA : 3.68 / 4.0	Jul 2015 – Sep 2017
National Taitung University		**Taitung, Taiwan**
B.S. in Computer Science and Information Engineering	GPA : 3.67 / 4.0	Sep 2011 – Jun 2015

RESEARCH

I study text mining technology and natural language processing, likes topic model, word2vec, Chinese segmentation, etc. My thesis is **Latent Aspect Mining for Short and Unrated Reviews** which can predict aspect rating, predict overall rating and extract keyword for different aspect. My research is better than past research which focus on short text reviews. And, my thesis has submitted to PAKDD.

PROJECT EXPERIENCE

2015 MOST Project – Issue Analytics and Knowledge Discovery Platform for Social Communications on Clean Energy Society
- Our works are analyzed sentiment influences and opinion mining in society medial.
- My work is calculating the sentiment polarity of words in the specific-domain by semi-supervised algorithm.

2016 Industrial Fundamental Technology Project – NCKU Rmotors Website Management
- My works are maintain and update rmotors website.

2016 Top University Project – NCKU KPI system management
- Our work is rebuilding database schema and manage website of college of electrical engineering and computer science.
- My work is database redesign.
  - Remove 40% redundant data from database.

AWARDS

- 2015 TSMC Big Data Analytics for Semiconductor Manufacturing [2] - **Honorable Mention** (4~6/67)
- 2013,2014 National Collegiate Programming Contest - **Honorable Mention [3]**
- 2013 Collegiate Programming Examination - Grade A, Ranking : 46 / 819 [4]
- 2014 Red Hat Certified System Administrator

SKILL

Technical Language : Java, Python

REFERENCE

[1] Latent Aspect Mining for Short and Unrated Reviews : https://goo.gl/aNpncn

[2] TSMC picture: https://goo.gl/QtTQSi

➢ Team name : 1KM

[3] National Collegiate Programming Contest

➢ 2013 NCPC (Team name : 波多老師我愛你) : https://goo.gl/YUyNeA

➢ 2014 NCPC (Team name : NyanCat) : https://goo.gl/z9RLBd

[4] CPE : https://goo.gl/1K5Qp1