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Ju Young An, Curriculum Vitae

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RESEARCH INTERESTS

Text Mining, Bio-informatics, Natural Language Processing, Ontology, Bibliometrics, Network Analysis, IR, Machine Learning, Deep Learning

EDUCATION

M.A., Department of Library and Information Science, Yonsei University

March 2015 - Present

Master in Information Science, Indiana University

August 2016 - August 2017

B.S., Department of Korean Language and Literature

B.A., Department of Library and Information Science, Yonsei University

March 2009 - February 2015

Exchange Student: Department of Computer Science, Kristianstad University, Sweden

March 2013 - June 2013

PUBLICATIONS

Journal Papers

- **An, J.**, Kim, N., Kan, M-Y., Chandrasekaran, M. K. and Song, M. (2017) Exploring characteristics of highly cited authors according to citation location and content. *Journal of the Association for Information Science and Technology*, 68 (pp.1975-1988).
- **An, J.**, Jun, S. E., Jones, T. & Song, M. (2017) Data-driven Pattern Analysis of Acknowledgements in Biomedical Domain, *Journal of Data and Information Management (Inaugural issue)*
- Kim, H. J., **An, J.**, Jeong, Y. K., & Song, M. (2016) Exploring the Leading Authors and Journals in Major Topics by Citation Sentences and Topic Modeling. In *BIRNDL@ JCDL* (pp. 42-50).
- Oh, S.H., Song, M., **An, J.**, & Ahn, K.B. Content analysis using Yahoo Q&A data (ongoing)

Korean Journal Papers

- **An, J.**, Bae, J.H., Han, N.G., & Song, M. (2015). A Study of 'Emotion Trigger' by Text Mining Techniques. *KIIS*, 21(2), 69-92.
- **An, J.**, Ahn, K.B., & Song, M. (2016). Text Mining Driven Content Analysis of Ebola on News Media and Scientific Publications. A Study of 'Emotion Trigger' by Text Mining Techniques. *KSLIS*, 50(2), 289-307.

Posters

- **An, J.**, & Allen, R. B. (2015). Mining Variations in Hangul Orthography. Digital Libraries: Providing Quality Information, 289.
- Kang, K.Y., **An, J.**, & Song, M. EntityMetrics based Triple Term Extraction (Press in DTMBIO 2016)

RESEARCH EXPERIENCES

Research Projects

Periods	Project	Funding Institution
January 2015 ~ August 2015	The crisis of social trust and collapse of professionals' authority (전문가의 권위의 붕괴와 사회적 신뢰의 위기) <i>Content: Word2vec, co-occurrence analysis were conducted to identify public opinion about professionals in Korea.</i>	Korea University
March 2015 ~ August 2016	Big Data-based Future Model of Knowledge Service (빅데이터 기반 미래형 지식정보서비스 사업팀)	National Research Foundation of Korea
June 2015 ~ September 2015	STEPI, X-project <i>Content: By using public survey data and Wikipedia data, questions for national researches are found.</i>	STEPI
September 2015 ~ August 2016	Multi-facet Text-mining System Development for MCMT Analysis (MCMT 분석을 위한 멀티패킷 텍스트마이닝 시스템 개발) <i>Content: Developing NER and RE system for bio medical resources.</i>	Bio-Synergy Research Center
September 2015 ~ February 2016	Comparison analysis and Developing concept of governmental trust adopting Big data analysis (빅 데이터 분석을 통한 정부신뢰의 개념정리 및 다국가 비교분석) <i>Content: Conducting and Comparing the result of Co-occurrence analysis, Topic Modeling, and Word2vec on news & tweet data collected from Korea and America</i>	KDI

AWARDS

- SAM (Shinhancard Bigdata Academic Mentoring) 2014: Best Project Team Award
Content: As a leader of the team, I proposed marketing strategy based on big data analysis and the project is selected as best project among 14 teams.

SKILLS

- Programming Language: Java, Python, C#
- OS: Window, Linux
- DB: MySQL, MONGODB, SPARQL
- Statistical Tools: SPSS, R
- Visualization Tools: Gephi, Tableau

REFERENCES

Dr. Min Song (Advisor)

- Underwood Distinguished Professor
Department of Library and Information Science
Yonsei University
- Email: min.song@yonsei.ac.kr
Homepage: <http://informatics.yonsei.ac.kr/tsmm/home.html>

Dr. Sung Been Moon

- Dean of Graduated School
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- Professor
Department of Library and information Science
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