

Reinald Kim Amplayo

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EDUCATION

Yonsei University, Seoul, Korea

- PhD in Informatics Sep 2018 – present
- MA in Library and Information Science Mar 2016 – Feb 2018
 - Thesis: “*System of Contexts: Generative Models for Unsupervised Sense Disambiguation*”
 - GPA: 4.20 / 4.30

Ateneo de Davao University, Davao City, Philippines

- Units in Computer Science and Mathematics Jun 2013 – Feb 2014
 - WPA: 97.2 / 100
- BS in Information Technology Jun 2009 – Mar 2013
 - Thesis: “*Automated Essay Grading using Reflective Random Indexing*”
 - Graduated magna cum laude.
 - WPA: 93.7 / 100 (*ranked 1st among all graduates*)

RESEARCH EXPERIENCE

Data Intelligence Laboratory, Yonsei University

- Visiting Researcher Jan 2017 – Present
- Projects
 - **Video Question and Highlighting** (project supported by Samsung Research)
 - **Additional Contexts for Better NLP Models**
 - **Knowledge Base Expansion**
- Principal Investigator: Prof. Seung-won Hwang

Text and Social Media Mining Laboratory, Yonsei University

- Research Assistant Jan 2016 – Feb 2018
- Projects
 - **Aspect-based Sentiment Analysis** (project supported by Social Science Korea)
 - **Research Paper Novelty Detection** (project supported by Microsoft Research Asia)
 - **General Sense Disambiguation** (project supported by Social Science Korea)
- Principal Investigator: Prof. Min Song

PUBLICATIONS

CONFERENCES

- [C6] R.K. Amplayo, J.H. Kim, S.A. Sung, S.-w. Hwang, “Cold-start Aware User and Product Attention for Sentiment Classification,” *ACL 2018*, Melbourne, Australia, 20187.
- [C5] R.K. Amplayo, K.J. Lee, J.Y. Yeo, S.-w. Hwang, “Translations as Additional Contexts for Sentence Classification,” *IJCAI 2018*, Stockholm, Sweden, 20187.
- [C4] R.K. Amplayo, S.J. Lim, S.-w. Hwang, “Entity Commonsense Representation for Neural Abstractive Summarization,” *NAACL 2018*, New Orleans, LA, 20186.
- [C3] J.Y. Yeo, G.B. Lee, G.Y. Wang, S.T. Choi, H.S. Cho, R.K. Amplayo, S.-w. Hwang, “Visual Choice of Plausible Alternatives: An Evaluation of Image-based Commonsense Causal Reasoning,” *LREC 2018*, Miyazaki, Japan, May 2018.
- [C2] R.K. Amplayo, S.-w. Hwang, “Aspect Sentiment Model for Micro Reviews,” in *ICDM 2017*, New Orleans, LA, Nov 2017.
- [C1] R.K. Amplayo, M. Song, “Building Content-driven Entity Networks for Scarce Scientific Literature using Content Information,” in *BioTxtM at COLING 2016*, Osaka, Japan, Dec 2016.

JOURNALS

- [J3] R.K. Amplayo, S.I. Lee, M. Song, “Incorporating Product Description to Sentiment Topic Models for Improved Aspect Term Extraction,” *Information Sciences*, accepted, 2018.
- [J2] R.K. Amplayo, S.L. Hong, M. Song, “Network-based Approach to Detect Novelty of Scholarly Literature,” *Information Sciences*, accepted, 2018.

[J1] R.K. Amplayo and M. Song, "An Adaptable Fine-grained Sentiment Analysis for Summarization of Multiple Short Online Reviews," *Data & Knowledge Engineering*, accepted, 2017.

WORK EXPERIENCE

Ateneo de Davao University, Davao, Philippines

- Lecturer, Computer Science Department Apr 2013 – Oct 2014
 - Courses Taught: Competitive Programming, Data Structures and Algorithms, Discrete Structures, among others.

Webzenga Hosting Solutions

- C# .NET Software Engineer Nov 2012 – Jan 2013
 - Project: Academic Information System, Church Information System

Ingenuity, Davao, Philippines

- Django Software Engineer Intern Apr 2012 – Jun 2012
 - Project: Payroll System

CERTIFICATIONS

- Coursera Certificates 2014
Machine learning courses: statistical inference, practical machine learning, regression models, among others
Data science courses: computing for data analysis, exploratory data analysis, developing data products, among others
 Other courses: function programming in Scala, R programming, algorithmic thinking, among others
- Fundamental Information Technology Engineer, PhilNITS Foundation 2012
 Given to individuals who have basic fundamental knowledge and skills required to be an advanced IT human resource
 One of only 14 passers. Passed the exam before graduation.

AWARDS & SCHOLARSHIPS

- ACL Walker Fund for ACL 2018, ACL 2018
- Google Travel Grant for ICDM 2017, Google 2017
- Korean Government Scholarship Program (KGSP) Award, NIIED 2015 – 2018
- Computer Science Department Award, Ateneo de Davao University 2013
- Outstanding Thesis Award, Ateneo de Davao University 2013
- Consistent Placer, ACM - International Collegiate Programming Competition 2012 - 2013
- Consistent Champion, ICCF - Open Programming Competition 2012 - 2013
- Consistent Dean's Lister, Ateneo de Davao University 2009 – 2014

CAMPUS ACTIVITIES

Ateneo Programming Varsity, Ateneo de Davao University

- President 2011 – 2014
 - Trained members in data structures and algorithms for competitive programming

CS Student Executive Council – Programming Unit, Ateneo de Davao University

- Unit Lead 2011 – 2012
 - Lead the software development team in the realization of several projects.
 - Projects led include event registration system, voting and polls system, among others.

Ateneo Circle of Computer Studies Students, Ateneo de Davao University

- President 2010 – 2011
 - Organized events, technical workshops, and research forums for the students of Computer Science Department

LANGUAGES

- Cebuano: Native language.
- Filipino: Native language.
- English: Fluent. TOEIC 990 (highest), TOEFL 111.
- Korean: Fluent. TOPIK Level 6 (highest).
- Chinese: Basic.

SKILLS

Programming Languages: Python, Java, C, C++, C#, R, Scala, SQL

Libraries: Tensorflow, Theano, NLTK, scikit-learn, gensim, Mallet, Encog, Weka, Stanford CoreNLP

INTERESTS

Research, programming, meeting new friends.

[CV compiled on 2018-06-13]