Reinald Kim Amplayo

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Google Scholar: https://scholar.google.com/citations?user=UkdHqoYAAAAJ

EDUCATION

University of Edinburgh, Edinburgh, UK

- PhD in Informatics — Sep 2018 – present

Yonsei University, Seoul, Korea

- 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 – Aug 2018
- Projects
  - **Video Question and Highlighting** (project supported by Samsung Research)
  - **Additional Contexts for Better NLP Models**
  - **Knowledge Base Expansion**

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)

SELECTED PUBLICATIONS

- J.H. Kim*, R.K. Amplayo*, K.J. Lee, S.A. Sung, M.J. Seo and S.-w. Hwang, "Categorical Metadata Representation for Customized Text Classification," *TACL 2019*. (* equal contribution)

- R.K. Amplayo, S.-w. Hwang, M. Song, "AutoSense Model for Word Sense Induction," *AAAI 2019*, Honolulu, HI, Jan 2019.

- M.S. Cho, R.K. Amplayo, S.-w. Hwang, J.H. Park, "Adversarial TableQA: Attention Supervision for Question Answering on Tables," *ACML 2018*, Beijing, China, Nov 2018. (**Best Student Paper Runnerup**)

- 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, Jul 2018.

- R.K. Amplayo, K.J. Lee, J.Y. Yeo, S.-w. Hwang, "Translations as Additional Contexts for Sentence Classification," *IJCAI 2018*, Stockholm, Sweden, Jul 2018.

- R.K. Amplayo*, S.J. Lim*, S.-w. Hwang, "Entity Commonsense Representation for Neural Abstractive Summarization," *NAACL 2018*, New Orleans, LA, Jun 2018. (* equal contribution)

- R.K. Amplayo, S.-w. Hwang, "Aspect Sentiment Model for Micro Reviews," in *ICDM 2017*, New Orleans, LA, Nov 2017

AWARDS & SCHOLARSHIPS

- Google PhD Fellowship, Google — 2019 – 2022
- Edinburgh Global Research Scholarship, University of Edinburgh — 2018 – 2021
- Principal's Career Development Scholarship, University of Edinburgh — 2018 – 2021
- 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

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.

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: PyTorch, Tensorflow, Theano, NLTK, scikit-learn, gensim, Mallet, Stanford CoreNLP

INTERESTS

Research, programming, meeting new friends.

[*CV compiled on 2019-03-30*]