NHAT X.T. LE

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Overview

I love problem solving. I enjoy learning how things work and making things work. My areas of expertise are *Information Retrieval* and *Data Mining*. I expect to graduate by June 2019.

Education

09/2014–Current	**University Of California, Riverside**, Riverside, CA **PhD** in Computer Science (Advisor: **Dr. Vagelis Hristidis**)
08/2007–06/2012	**Hanoi University of Science and Technology - HUST** , Hanoi, Vietnam **B.Sc.** in Computer Science

Work Experience

Facebook, Search team – *Intern*   06–09/2018
- Detect misinformation in public posts

Amazon Web Services, Redshift – *Intern*   06–09/2017
- Implement a new replication scheme in Redshift storage engine

Amazon Web Services, Redshift – *Intern*   06–09/2016
- Build a tool to automate and strengthen the internal software release management
- That tool now serves a team of several dozen Redshift developers and is being enhanced with more features

Smolab (startup), Vietnam – *Full-time*   01–07/2014
- Build a mobile app for personalized ranking and recommendation of nearby local venues

Research Experience

Query by Documents on Top of a Search Engine   11/2017–current
- Use documents to query for relevant ones on top of a black box search engine.

Targeted Solicitation of Product Reviews   10/2016–current
- Research customer review solicitation methods that lead to higher-quality review profiles

Ontology- and Sentiment-aware Review Summarization   03/2015–current
- Summarize online reviews of doctors by leveraging a domain hierarchy of medical concepts taking into account different sentiment levels
- Tools and techniques: medical concept extraction from text; sentiment analysis; integer linear programming

Medical Concept Prediction   02/2015–current
- Predict future relevant medical concepts of patients by comparing their records against a database of patient health records containing multiple temporal events

Medical Note Grader   09/2014–02/2015
- Develop MedNoteGrader, a web application to improve the clinical note-taking skills of medical school students. Project URL: http://dblab-rack21.cs.ucr.edu/MedNoteGrader/MedNoteGrader.html

Selected Publications

- **Nhat X.T. Le**, Ryan Rivas, James M. Flegal, and Vagelis Hristidis. Targeted solicitation of product reviews. In *The 13th IEEE International Conference on Semantic Computing*. IEEE, 2019. to appear
- **Nhat XT Le**, Vagelis Hristidis, and Neal Young. Ontology-and sentiment-aware review summarization. In *Data Engineering (ICDE), 2017 IEEE 33rd International Conference on*, pages 171–174. IEEE, 2017
- Van Nguyen, **Nhat T.X. Le**, Ikki Fujiwara, and Michihiro Koibuchi. Distributed shortcut networks: Layout-aware low-degree topologies exploiting small-world effect. In *42nd International Conference on Parallel Processing (ICPP'13)*, pages 572–581, Lyon, France, October 2013
- **Nhat T.X. Le** and Van K. Nguyen. Interconnection networks with efficient custom routing, exploiting small-world effect. In *The 10th IEEE RIVF International Conference on Computing and Communication Technologies*, 2013