Md Rizwan Parvez

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https://rizwan09.github.io/

RESEARCH INTERESTS

- Efficient, robust and interpretable machine learning methods for complex and large data.
- Multi-modality low-resource language processing with auxiliary supervision and world knowledge.

EDUCATION

Ph.D. in **Computer Science**   09.2017 - 07.2022 (expected)
University of California, Los Angeles (UCLA)
Advisor: Prof. Kai-Wei Chang

B.Sc. in **Computer Science and Engineering**   05.2010 - 09.2015
Bangladesh University of Engineering and Technology (BUET)
CGPA: 3.80 on a scale of 4.00
Position: Ranked 15th in a class of 134 students

EXPERIENCE

Google Research, Kirkland, WA   06.2021 - 09.2021
Research Intern, Manager: Bin Zhang

Facebook AI Research (FAIR), Seattle, WA   06.2020 - 09.2020
Research Intern, Manager: Scott Wen-tau Yih

Salesforce Research, Palo Alto, CA   06.2019 - 09.2019
Research Intern, Manager: Bryan McCann

Microsoft AI & Research, Redmond, WA   06.2018 - 09.2018
Research Intern, Manager: Paul Mineiro

United International University (UIU), Bangladesh   10.2015 - 08.2016
Lecturer, Computer Science and Engineering

HONORS, AWARDS, AND SCHOLARSHIPS

1. UCLA Graduate Division Fellowships   2017,2018
2. Student Grants: ACL, West Coast NLP Summit (WeCNLP), EMNLP   2018, 2019, 2021
3. Undergraduate Thesis Award, Bangladesh University of Engineering, and Technology   2014-2015
4. Best Demo Award, Bangladesh Inter-University System Design and Development   2015
5. Best Demo Award, Workshop on Mobile Computing and Human Computer Interaction, Bangladesh 2014
6. Second Runner-up Demo Award, Bangladesh National Innovative Projects on Road Safety   2014
7. Prof. M. A. Nasser Memorial Scholarship, Bangladesh University of Engineering, and Technology   2014
8. Undergraduate Dean's List Award   2013-2015
9. Undergraduate Merit Scholarship   2014,2015
10. Merit Scholarships, Rajshahi Education Board, Bangladesh   2007-2009

PUBLICATIONS

1. **Parvez, R. M.**, Chi, J., Yuan, T., & Chang, K. W. (2022). Probingless Adversarial Example Generation. Preprint.

2. **Parvez, R. M.**, Chi, J., Ahmad, W. U. , Yuan, T., & Chang, K. W. (2022). Retrieval Enhanced Data Augmentation for Question Answering on Privacy Policies. Under review at NAACL.

3. **Parvez, R. M.**, Ahmad, W. U. , Chakraborty, S., Ray, B., & Chang, K. W. (2021). Retrieval Augmented Code Generation and Summarization. In Findings of EMNLP.

4. **Parvez, R. M.**, & Chang, K. W. (2021). Evaluating the Values of Sources in Transfer Learning. In Proceedings of NAACL.

5. **Parvez, R. M.**, Bolukbasi, T., Chang, K. W., & Saligrama, V. (2019). Robust Text Classifier on Test-Time Budgets. In Proceedings of EMNLP.

6. **Parvez, R. M.**, Chakraborty, S., Ray, B., & Chang, K. W. (2018). Building Language Models for Text with Named Entities. In Proceedings of ACL.

7. Preum, S. M., **Parvez, R. M.**, & Chang, K. W. & J Stankovic, J. (2018). A Corpus of Drug Usage Guidelines Annotated with Type of Advice. In Proceedings of LREC.

8. **Parvez, R. M.**, Bolukbasi, T, Chang, K. W., & Saligrama, V. (2017). A Modular Template Matching Approach for VQA. In Mid-Atlantic Student Colloquium on Speech, Language and Learning (MASC-SLL), Washington DC, USA. [oral, acceptance rate < 20%]

9. **Parvez, R. M.**, Mosharraf, T., & Ali, M. E. (2016). A novel approach to identify spatio-temporal crime pattern in Dhaka City. In Proceedings of ICTD.

10. Dev, H., **Parvez, R. M.**, Bhuiyan, M. M., Mosharraf, T., Khan, T. A., Haque, F., Mamun, A. A., Chowdhury, F. A., Hossain, M. S. S., Morshed, M., & Islam, A. A. A. (2014). DhakaSim: A Tool for Simulating Traffic Mobility in Dhaka City. In Workshop on Mobile Computing and Human Computer Interaction (MoHCI). **Best Demo Award**

TALKS AND PANELS

- Microsoft, March 2022
- University of Washington (UW), Nov, 2021
- University of California, Santa Barbara (UCSB), Nov, 2021
- AWS AI, Sep 2021
- Sixth International Conference on Networking, Systems and Security (NSysS), Dec 2019

PROFESSIONAL ACTIVITIES

Program Committee/Reviewer/Volunteer:
- NLP Conf: NAACL 2022, ACL 2022, EMNLP 2021, NAACL 2019, ACL 2018, SoCal NLP 2018
- ML Conf: AAAI 2022 and ICLR 2022

TEACHING EXPERIENCE

UCLA

- Teaching Fellow, Introduction to Machine Learning (w/ 40 enrollments),
  Spring 2020, Fall 2020, Winter 2020, Fall 2019, Fall 2018

- Teaching Assistant, Natural Language Processing (w/ 80 enrollments),
  Fall 2017