Iman YeckehZaare

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Working Papers

- **YeckehZaare, I.**, & Resnick, P. Counting Days: Giving daily points increase grades, especially for low-achievers
- Mostagir, M., Chen, Y., & **YeckehZaare, I.** Information Provision in Dynamic Contests: An Experimental Study.
- Chen, Y., Farzan, R., Kraut, R., **YeckehZaare, I.**, & Zhang, A. F. Motivating Experts to Contribute to Digital Public Goods: A Personalized Field Experiment on Wikipedia.
- **YeckehZaare, I.**, Fox, E., & Resnick, P. 1Cademy: A Learnersourcing Platform to Collaboratively Summarize, Visualize, Evaluate, and Improve Knowledge.
- Kuang, Y., Lashkarashvili, N., **YeckehZaare, I.**, et al. Predicting Long-term Student Engagement: Cognitive Psychology in Deep Knowledge Tracing.
- **YeckehZaare, I.**, Fox, E., Grot, G., et al. Incentivized Spacing and Gender in Computer Science Education.
- **YeckehZaare, I.**, Grot, G., Fox, E., et al. Another Victim of COVID-19: Computer Science Education.
- Kuang, Y., Lashkarashvili, N., **YeckehZaare, I.**, et al. Personalizing Computer Science Education by Predicting Answer Correctness.

Published Papers

- **YeckehZaare, I.**, Fox, E., Wood, S., Grot, G. (2021). Improving Collaborative Notetaking Through Finding and Visualizing Prerequisite Knowledge Links. In *Proceedings of the 9th ACM Collective Intelligence Conference.*
- **YeckehZaare, I.**, Barghi, T., & Resnick, P. (2020). QMaps: Engaging Students in Voluntary Question Generation and Linking. In *Proceedings of the CHI Conference on Human Factors in Computing Systems*. ACM.
- Ericson, B., **Yeckehzaare, I.**, & Guzdial, M. (2019). Runestone Interactive Ebooks: A Research Platform for On-line Computer Science Learning. In *Proceedings of SPLICE 2019 workshop Computing Science Education Infrastructure: From Tools to Data at 15th ACM International Computing Education Research Conference*. ACM.
- **YeckehZaare, I.**, Resnick, P., & Ericson, B. (2019). A Spaced, Interleaved Retrieval Practice Tool that is Motivating and Effective. In *Proceedings of the ACM Conference on International Computing Education Research*.
- **YeckehZaare, I.**, & Resnick, P. (2019). Speed and Studying: Gendered Pathways to Success. In *Proceedings of the 50th ACM Technical Symposium on Computer Science Education* (pp. 693-698). ACM.
- Chen, Y., **YeckehZaare, I.**, & Zhang, A. F. (2018). Real or bogus: Predicting susceptibility to phishing with economic experiments. PloS one, 13(6), e0198213.

University of Michigan School of Information • Ann Arbor, MI

Ph.D. Candidate in Information, advised by Professor Paul Resnick   Expected: May 2022
Honors: • Outstanding Graduate Student Instructor of the Year 2018-2019
    • Innovation in Action 2018 2nd Prize • Learning Levers 2019 3rd Prize • Campus of the Future 2018 Semi-finalist

M.S. in Information   Sep 2012 – Dec 2014
    • Specialized in Human-Computer Interaction (HCI)
    • Specialized in Information Economics for Management (IEM)
Honors: • SXSW 2014 Business Startup Challenge • Weather Underground Startup Trek 2014 • UMSI Startup Trek
    • Michigan I-Corps

Iran University of Science and Technology • Tehran, IR   Jul 2007 – Feb 2011

B.E. in Information Technology, First-Class Honors • Recognized by dean for leadership in Scientific Association
- **Dissertation**: Gravitational Density-Based Clustering
- **KDD CUP 2011** - Ranked 55 / 1878 rivals. (RMSE: 24.03% / best RMSE: 21.01%) Designed & implemented novel User-based & Item-based Collaborative Filtering algorithms, & applied a Cascade Feed-forward Neural Network to merge the results.
- Analyzed **chatbots**: Alice & Jabberwacky, resulted in a Persian bot using CBR (Case-based Reasoning) & AIML.

University of Science and Culture • Tehran, IR   Jul 2007 - Feb 2010

B.E. in Computer Engineering, First-Class Honors
- **Dissertation**: An Skeletonization Algorithm for Farsi Handwritten Images