Ramtin Yazdanian

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RESEARCH INTERESTS
- Data Science
- Applied Machine Learning
- Observational Studies
- Natural Language Processing
- Time Series Analysis
- Learning Analytics

EDUCATION

École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland
- **Ph.D. in Computer and Communication Sciences** (EDIC)
- Started Sept. 2017, expected graduation in early 2022
- Ph.D. assistant at **Computer-Human Interaction for Learning and Instruction Lab (CHILI)**
- Auxiliary Ph.D. assistant at **Data Science Lab (DLAB)**

Sharif University of Technology, Tehran, Iran
- **B.Sc. in Software Engineering** (Sep. 2012 to Aug. 2017).
  - Cumulative GPA: 19.08/20
- Notable courses: Advanced Programming: 20/20, Data structures and algorithms: 20/20, Artificial Intelligence: 19.6/20, Probability and Statistics: 20/20, Signals and Systems: 18.5/20, Machine Learning: 20/20, Modern Information Retrieval: 20/20, Natural Language Processing: 18.4/20

Allameh Helli 1 High School, Tehran, Iran
- Sep. 2008 to June 2012
  - Graduation GPA: 19.61/20

PUBLICATIONS
- *Eliciting New Wikipedia Users' Interests via Automatically Mined Questionnaires: For a Warm Welcome, Not a Cold Start*, R. Yazdanian, L. Zia, J. Morgan, B. Mansurov, R. West, Proceedings of the International AAAI Conference on Web and Social Media 13, 2019
- *The Elicitation of New Users' Interests on Wikipedia*, R. Yazdanian, L. Zia, R. West, Wiki Workshop 2018
- *An Attribute Learning Method for Zero-Shot Recognition*, R. Yazdanian, S. M. Shojaee, M. Soleymani Baghshah, 2017 Iranian Conference on Electrical Engineering

LANGUAGES
- Persian: Mother language
- English: C2-level
  - TOEFL score: Reading: 30, Listening: 29, Speaking: 30, Writing: 30 - Total: 119/120
  - GRE score: Verbal: 163/170, Quantitative: 170/170, Analytical Writing: 4.5/6
- French: A2/B1-level
- Russian: A1-level

PROGRAMMING SKILLS
- Programming Languages
  - **Python** (advanced)
  - **Java** (intermediate)
  - **MATLAB** (intermediate)
- Frameworks and Libraries
  - **Apache Spark** (big data)
  - **Flask** (web development)
  - **scikit-learn** (machine learning)
  - **NLTK** (natural language processing)
  - **Pandas** (tabular data analysis)

TEACHING EXPERIENCE

- Teaching assistant for *Machine Learning* (grad) and *Artificial Intelligence* (undergrad) courses at Sharif University (2016)
- Teaching assistant for *Applied Data Analysis* and *Lab in Data Science* courses at EPFL (2018-2019)

HONOURS AND AWARDS

- **Outstanding Problem-Solution Paper award** at ICWSM-2019 for the paper "Eliciting New Wikipedia Users' Interests via Automatically Mined Questionnaires: For a Warm Welcome, Not a Cold Start"
- Recipient of a student travel grant for ICWSM-2019
- Joint 2nd rank in the fraud detection challenge by Credit Suisse in the Lauzhack 2017 hackathon
- Silver medal in the International Physics Olympiad (IPhO) 2012, Estonia
- Gold medal in the Iranian national Physics Olympiad, 2011

INTERESTS

- Music: I play the bass and electric guitars and also sing, and I have performed live as vocalist and bassist.
- Video games
- History