

ALI ZEYNALI

Room 339, LGRC, UMass Amherst, MA

azeynali@umass.edu ◇ alizeinali75@gmail.com

linkedin.com/in/ali-zeynali/ ◇ ali-zeynali.github.io/home/

EDUCATION

Ph.D. Student in Computer Science, University of Massachusetts Amherst 2022- Present

Co-ADVISORS: RAMESH K. SITARAMAN, MOHAMMAD H. HAJIESMAILI

GPA: 4.0/4.0

MS Student in Computer Science, University of Massachusetts Amherst 2019- 2022

Co-ADVISORS: RAMESH K. SITARAMAN, MOHAMMAD H. HAJIESMAILI

GPA: 4.0/4.0

Bachelor of Science in Computer Engineering, Sharif University of Technology (SUT), Tehran 2014- 2019

GPA: 18.27/20.0 (equiv. 4.0/4.0)

INTERESTS

Online learning, Online optimization, Multimedia systems, Machine learning

SKILLS

General Skills	Deep learning, Machine learning, Reinforcement learning, Statistical analysis
Programming languages	Python, Java, C++, C#
Libraries	Scikit-learn, Numpy, Keras, Tensorflow, Pandas, Gurobi , CVXPY
Tools	Git, mySQL, PostgreSQL
Web	Django, HTML, CSS
Other	Bash Programming, LINUX, L ^A T _E X

WORK EXPERIENCE

Software Enineering Intern Jan 2022- May 2022

Google LLC., Mountain View, USA

Data Science and Machine Learning Research Intern May 2021- Aug 2021

Adobe Inc., San Jose, USA

PUBLICATIONS

- **arXiv** *Ali Zeynali, Mohammad H. Hajiesmaili, Ramesh K. Sitaraman; **BOLA360: Near-optimal View and Bitrate Adaptation for 360-degree Video Streaming**; arXiv; 2023*
- **Published** *Mahsa Sahebdel, **Ali Zeynali**, Noman Bashir, Mohammad H. Hajiesmaili, Jimi Oke; **Poster: Data-driven Algorithms for Reducing the Carbon Footprint of Ride-sharing Ecosystems**; ACM e-Energy; 2023*
- **Published** *Xi Chen, **Ali Zeynali**, Chico Camargo, Fabian Flock, Devin Gaffney, Przemyslaw Grabowicz, Scott Hale, David Jurgens, Mattia Samory; **SemEval-2022 Task 8: Multilingual news article similarity**; 16th International Workshop on Semantic Evaluation (SemEval); 2022*

- **Published** *Lin Yang, Ali Zeynali, Mohammad H. Hajiesmaili, Ramesh K. Sitaraman, Don Towsley; Competitive Algorithms for Online Multidimensional Knapsack Problems; ACM Sigmetrics; 2022*
- **Published** *Ali Zeynali, Bo Sun, Mohammad H. Hajiesmaili, Adam Wierman; Data-driven Competitive Algorithms for Online Knapsack and Set Cover; AAAI; 2021*
- **Published** *Bo Sun, Ali Zeynali, Tongxin Li, Mohammad H. Hajiesmaili, Adam Wierman, Danny HK Tsang; Competitive Algorithms for the Online Multiple Knapsack Problem with Application to Electric Vehicle Charging; ACM Sigmetrics; 2021*

HONORS AND AWARDS

Thesis Proposal Writing Fellowship Award Fall 2023
University of Massachusetts, Amherst

Donald F. Towsley Graduate Scholarship Summer 2021
University of Massachusetts, Amherst

Selected in Top-Ten (among 177) B.Sc. students of computer engineering department Summer 2019

Ranked 24th among 1823 teams in 10th IEEEEXTREME, 24^h programming contest Fall 2016

RELATED COURSES

Graduate Courses:

Neural Networks, Database design and implementation, Advanced algorithm, Machine learning, Artificial intelligence, Social and economic networks

Undergraduate Courses:

Artificial intelligence, Probability and statistics, Design of algorithms, Database design, Data structure and algorithms

Online courses:

Career Essentials in Generative AI (LinkedIn learning)