

ALI ZEYNALI

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EDUCATION

MS/Ph.D. Student in Computer Science, University of Massachusetts Amherst 2019- Present

Co-ADVISORS: MOHAMMAD HAJIESMAILI, RAMESH SITARAMAN

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)

RESERACH INTEREST

Online learning algorithms, Multimedia systems, Optimization, Machine learning

PUBLICATIONS

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

SKILLS

Programming languages	Python, Java, C++
Python libraries	Scikit-learn, Numpy, Keras, Tensorflow, Gurobi , CVXPY
Tools	Git, mySQL, PostgreSQL
Web	Django, HTML, CSS
Other	Bash Programming, LINUX, \LaTeX

WORK EXPERIENCE

Software Enineering Intern Jan 2022- May 2022

Google LLC., Mountain View, USA

TEAM: GEO SIGNALS AND SYSTEMS

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

Adobe Inc., San Jose, USA

Data Scientist Intern (unpaid)
Nullatech (startup company), Tehran

Apr 2017- Dec 2017

Science Olympiad Tutor

2014- 2018

National Young Scholar Club (YSC), Tehran, Iran
Farzanegan Helli High School (NODET), Tehran, Iran
Allame-Tabatabaei High School, Tehran, Iran
Mofid High School, Tehran, Iran

HONORS AND AWARDS

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

Golden Medalist of 8th IOAA

Summer 2014

International Olympiad on Astronomy and Astrophysics in Romania
Among more than 200 international students

Golden Medalist of 9th NOAA

Summer 2013

National Olympiad on Astronomy and Astrophysics
Among more than 5,000 students

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