

Ali Zeynali

PERSONAL DATA

BIRTHDAY: 22 June 1996
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EDUCATION

2019-PRESENT	MS/Ph.D. Student in COMPUTER SCIENCE, University of Massachusetts, Amherst GPA: 4.0 (out of 4.0)
2014-2019	Bachelor of Science in COMPUTER ENGINEERING, Sharif University of Technology (SUT) , Tehran, Iran Software branch GPA: 4.0 (out of 4.0)

RESEARCH INTEREST

Online learning algorithms, Optimization, Machine learning

PUBLICATIONS

ACCEPTED ON ACM SIGMETRICS 2020	Competitive Algorithms for the Online Multiple Knapsack Problem with Application to Electric Vehicle Charging
SUBMITTED 2020	Data-driven Competitive Algorithms for Online Knapsack and Set Cover
READY TO SUBMIT 2019-2020	Cancer early detection based on cfDNA statistical and machine learning approaches

RESEARCH EXPERIENCE

2020-Now	Online Bitrate Selection for 360 video streams. Supervisors: Dr. Mohammad Hajiesmaili - Dr. Ramesh Sitaraman. University of Massachusetts, Amherst.
2019-Now	Multilingual clustering especially for news published about Covid19. Supervisor: Dr. Przemyslaw Grabowicz. University of Massachusetts, Amherst.
2019-2020	Optimization of online algorithms with worst-case guarantees and also good performance on real inputs. Supervisor: Dr. Mohammad Hajiesmaili. University of Massachusetts, Amherst.
2019-2020	Competitive Algorithms for the Online Multiple Knapsack/Online One-way Trading Problem with Application to Electric Vehicle Charging Supervisor: Dr. Mohammad Hajiesmaili. University of Massachusetts, Amherst.
2018-2019	Analyzing of cell-free tumor DNA (cfDNA) samples for detecting cancer under the supervision of Dr. Ali Sharifi-Zarchi at Sharif University of Technology (international collaboration)

COMPUTER SKILL

Python , Java, C++, Git, Web Crawling, MySQL, LINUX bash Programming, \LaTeX , Web Languages (HTML, CSS), Django

HONORS AND AWARD

SUMMER 2019	Selected in Top-Ten B.Sc. students of computer engineering department, Sharif University of Technology.
FALL 2016	Ranked 24 th in 10 th IEEEEXTREME (24 ^h programming contest) 2016
SUMMER 2014	Golden Medalist of 8 th IOAA (International Olympiad on Astronomy and Astrophysics in Romania) over more than 200 international students
SUMMER 2013	Golden Medalist of 9 th National Olympiad on Astronomy and Astrophysics

WORK EXPERIENCE

APRIL-DECEMBER 2017	Data Scientist Intern Nullatech IT company, Tehran
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2014-2018	Science Olympiad Teacher at: National Young Scholar Club (YSC), Tehran, Iran Farzanegan and Allame Helli High School (NODET), Tehran, Iran Allame-Tabatabaei High School, Tehran, Iran Mofid High School, Tehran, Iran
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TEACHING ASSISTANT EXPERIENCE

SPRING 2020 FALL 2019	Java programming Instructors: Dr. THOTA and Anderson UMass, Amherst
FALL 2018	Computer networks Instructors: Dr. JAFARI Sharif University of Technology (SUT), Tehran
FALL 2018	System analysis and design Instructors: Dr. FAZLI Sharif University of Technology (SUT), Tehran
SPRING 2018	Database design Instructors: Dr. HEYDARNOORI Sharif University of Technology (SUT), Tehran
SPRING 2018 FALL 2017	Theory of languages and machines (Automata) Instructors: Prof. MOVAGHAR - Dr. IZADI Sharif University of Technology (SUT), Tehran
SPRING 2018 SPRING 2016	Data structures and algorithms Instructors: Dr. SHARIFI ZARCHI - Dr. RABIEI and Dr. HOSSEINI Sharif University of Technology (SUT), Tehran
SPRING 2018	Probability and statistics Instructors: Dr. JAFARI Sharif University of Technology (SUT), Tehran

RELATED COURSE

Course	Grade in 4.0 Scale	Organization
Advanced algorithm (Graduate)	4.0	UMass
Machine learning (Graduate)	4.0	UMass
Artificial intelligence(Graduate)	4.0	UMass
Social and economic networks (Graduate)	4.0	SUT
Artificial intelligence	4.0	SUT
Probability and statistics	4.0	SUT
Design of algorithms	4.0	SUT
Database design	4.0	SUT
Data structure and algorithms	4.0	SUT