



دانشگاه صنعتی امیرکبیر
(پلی تکنیک تهران)

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مصطفی حقیر چهرقانی

استادیار

دانشکده مهندسی کامپیوتر

گروه آموزشی نرم افزار



علائق تحقیقاتی

#	عنوان علاقمندی	تاریخ آغاز فعالیت
1	داده کاوی	
2	یادگیری ماشین	
3	تحلیل شبکه های پیچیده و اجتماعی	

پایان نامه های کارشناسی ارشد

#	عنوان پایان نامه	توسط	تاریخ دفاع
1	بهبود روش های انتزاعی خلاصه سازی متن	محمدجواد ظهرابی و مصطفی حقیرچهرقانی	خرداد 1401
2	NO) توسعه یک چارچوب توزیع شده ی مقیاس پذیر برای یادگیری بازنمایی گراف ها (TITLE)	معین سلیمی سرتختی و مصطفی حقیرچهرقانی	مهر 1400
3	ارزیابی میزان موفقیت یک کسب و کار بر مبنای تحلیل تجاری بر روی شبکه های اجتماعی	سیدمحمد میرعبدالباقی و مصطفی حقیرچهرقانی	آذر 1399
4	ارائه روشی برای پیش بینی پیوند در شبکه های پیچیده	مسعود ملک و مصطفی حقیرچهرقانی	تیر 1399
5	طراحی و پیاده سازی نرم افزار پیش بینی بازار سهام ایران با استفاده از روش های یادگیری ماشین	مهدی سالمی متقی و مصطفی حقیرچهرقانی	بهمن 1398

مقالات ژورنال

داده های ثبت شده در پورتال




- 1 Mostafa Haghircchegreghani, "Half a decade of graph convolutional networks", *Nature Machine Intelligence*, Vol. 4, Num. 3, Page 192-193, March 2022,
- 2 Mostafa Haghircchegreghani, "Sublinear update time randomized algorithms for dynamic graph regression", *APPLIED MATHEMATICS AND COMPUTATION*, Vol. 410, Num. 0, Page 1-11, December 2021,
- 3 Mostafa Haghircchegreghani, Albert Bifet, Talel Abdessalem, "Exact and Approximate Algorithms for Computing Betweenness Centrality in Directed Graphs", *FUNDAMENTA INFORMATICA*, Vol. 182, Num. 3, Page 219-242, November 2021,
- 4 Mostafa Haghircchegreghani, "Dynamical algorithms for data mining and machine learning over dynamic graphs", *Wiley Interdisciplinary Reviews-Data Mining and Knowledge Discovery*, Vol. 0, Num. 0, Page 1-19, November 2020,
- 5 Morteza Haghircchegreghani, Mostafa Haghircchegreghani, "Learning representations from dendrograms", *MACHINE LEARNING*, Vol. 109, Num. 9, Page 1779-1802, August 2020,
- 6 Mostafa Haghircchegreghani, Talel Abdessalem, Albert Bifet, Meriem Bouzbila, "Sampling informative patterns from large single networks", *FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE*, Vol. 106, Num. 0, Page 653-658, January 2020,




مقالات کنفرانس

داده های ثبت شده در پورتال

- 1 Masoud Malek, Mostafa Haghircchegreghani, Ehsan Nazerfard, Morteza Haghircchegreghani, "Shallow Node Representation Learning using Centrality Indices ", 2021 IEEE International Conference on Big Data (IEEE BigData 2021), December 2021
- 2 Mostafa Haghircchegreghani, "Subsampled Randomized Hadamard Transform for Regression of Dynamic Graphs ", 29TH ACM INTERNATIONAL CONFERENCE ON INFORMATION AND KNOWLEDGE MANAGEMENT - CIKM 2020, October 2020
- 3 Mostafa Haghircchegreghani, Albert Bifet, Talel Abdessalem, "Adaptive Algorithms for Estimating Betweenness and k-path Centralities ", 28th ACM International Conference on Information and Knowledge Management, CIKM 2019, November 2019
- 4 Mostafa Haghircchegreghani, Masoud Rahgozar, Caro Lucas, Morteza Haghircchegreghani, "Mining Maximal Embedded Unordered Tree Patterns ", 2007 IEEE Symposium on Computational Intelligence and Data Mining, March 2007

دروس ارائه شده

#	عنوان درس	توصیف درس	دوره سرفصل ها درسی
1	Applied Linear Algebra	In this course, those topics of linear algebra that are widely used in different areas of computer engineering, are presented and discussed. In particular, we familiarize students with linear equations, matrix algebra, determinants, vector spaces, eig	 Spring 2022
2	Advanced Topics (Big Data Analytics)	Analyzing the data that are generated with high velocity, variety and volume, is not possible with traditional techniques. The objective of this course is to familiarize students with advanced theories and algorithms that have been recently proposed	 Spring 2022
3	Discrete Mathematics	In this course, topics of Discrete Mathematics that are widely used in different areas of computer engineering, are presented and discussed. In particular, this course aims to improve reasoning and problem solving abilities of the students and famili	 Fall 2021

4 Special Topics (Algorithms for Complex Networks)	The objective of this course is to familiarize students with techniques of analyzing and processing complex networks. In this course, we theoretically and empirically investigate different types of complex networks. Furthermore, we study topics such		Fall 2021
5 Advanced Topics (Big Data Analytics)	Analyzing the data that are generated with high velocity, variety and volume, is not possible with traditional techniques. The objective of this course is to familiarize students with advanced theories and algorithms that have been recently proposed		Spring 2021
6 Applied Linear Algebra	In this course, those topics of linear algebra that are widely used in different areas of computer engineering, are presented and discussed. In particular, we familiarize students with linear equations, matrix algebra, determinants, vector spaces, eig		Spring 2021