

## Contact

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[www.math.uwaterloo.ca/~hminooei/](http://www.math.uwaterloo.ca/~hminooei/) (Personal)

## Top Skills

Java  
C++  
C#

## Languages

English (Full Professional)

## Publications

H. Minooei, C. Swamy, Truthful Mechanism Design for Multi-dimensional Covering Problems.

H. Minooei, C. Swamy, Near-Optimal and Robust Mechanism Design for Covering Problems with Correlated Players.

H. Minooei, H. Nojumi, Performance evaluation of a new backoff method for IEEE 802.11. Computer Communications

# Hadi Minooei

Data Scientist @ Bitvore  
Irvine, California

## Summary

Specialties: Machine Learning (Supervised: random forest, gradient boosting, logistic regression, time-series, k-mean, NLP, Embeddings), Deep Learning(pytorch, CNN, RNN, LSTM, GAN), Scala, Java, Spark, SparkML, Python, R, Airflow, AWS, EC2, EMR, S3, Redshift, Google cloud, Gcs, Dataproc, BigQuery, BigTable, Spanner, Hadoop, Ad-Auctions, Mechanism Design, Algorithmic Game Theory, Strategic Games, Optimization & Approximation Algorithms, Statistical Analysis, Big Data, Portfolio Optimization, Software Engineering

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## Experience

Funraise Inc  
Chief Data Scientist  
2018 - 2019 (1 year)  
Greater Los Angeles Area

Snapchat, Inc.  
Data Scientist  
2017 - 2018 (1 year)  
Greater Los Angeles Area

Microsoft  
Data & Applied Scientist - Bing Ads  
2015 - 2017 (2 years)  
United States

Citlan  
Data Scientist  
2013 - 2015 (2 years)  
Waterloo, Canada

Google  
Software Engineer

May 2013 - August 2013 (4 months)

Ontario, Canada

University of Waterloo

5 years

Research Assistant

2008 - 2013 (5 years)

Online Ad-Auctions, Designing Optimal and Sub-optimal algorithms for online e-commerce problems

Teaching Assistant

2008 - 2013 (5 years)

Network Flow Theory, Deterministic OR Models, Calculus One for Honors

Math, Calculus One for Engineering, Linear Programming, Advanced Calculus for ECE students, Discrete Math for ECE students

Sharif University

Research Assistant

2006 - 2008 (2 years)

Combinatorial Algorithms, Graph Algorithms

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## Education

University of Waterloo

PhD, Optimal and Sub-optimal Algorithm Design

Sharif University of Technology

Bachelor of Science, Computer Science

Sharif University of Technology

Masters of Science, Computer Science