

سوابق تحصیلي . آموزشي . پژوهشي . اجرائي



پويا سودمند

پست الكترونيكي: Pouya.soudmand@gmail.com

سوابق تحصیلي

دانشگاه اميرکبير تهران	۱۳۸۹ - ۱۳۹۱
کارشناسي ارشد مهندسي صنايع - مديريت بهره‌وري و سيستم	
دانشگاه کردستان	۱۳۸۲ - ۱۳۸۶
کارشناسي مهندسي صنايع	

هدايت و مشاوره پايان نامه

- اصفهاني، سيدميرمهدي (۱۳۹۱)، توليدکننده‌اي قدرتمند در حضور عدم تقارن اطلاعات دو طرفه: مشکلات و ارزيابي يک روش غربالگري، دانشگاه اميرکبير، ايران.
- نخعي، رضا (۱۳۸۶)، سيستم‌هاي اي آر پي و مسائل اجرائي آنها، دانشگاه کردستان، ايران.

سوابق حرفه‌اي

سمت - کارشناس	شرکت آرمانشهر مهندسين مشاور معمار و شهري ساز	۱۳۹۸ - تا کنون
سمت - بنيانگذار، مسئول مدل‌سازي رياضي	شرکت مينا شهر مهندسين مشاور	۱۳۹۳ - ۱۳۹۸
سمت - مسئول مطالعات امکان‌سنجي	شرکت PSF مهندسين مشاور	۱۳۸۶ - ۱۳۸۹

مقالات

- **A Fuzzy Based Genetic Algorithm for Optimizing the Pedestrian Walking Network; Case Study of Tehran Historic District.** Sajed Rastbin, Mehrdad Gholami, Pouya Soudmand.
As a part of our research that led to foundation of our knowledge-based company:
Under Review: Submitted to the Journal of Industrial Engineering and Management Studies
- **Generalized Quadratic Assignment for Optimization of Land-Use Planning Problem with Metaheuristic Solution Method: A Case Study in Iran.** Pouya Soudmand, Taha Hejazi, Sajed Rastbin

As a part of our research that led to foundation of our knowledge-based company
Working paper, soon be submitted

- **A Manufacturer pressed with Upper and Lower Hand Information Asymmetry: Understanding How the Profit is Affected and Evaluating a Screening Solution.** Pouya Soudmand, Mirmahdi Seyyed Esfahani.

Based on my master thesis
Working paper, soon be submitted

- **COPULA-GARCH VaR Portfolio Optimization with PSO and Genetic Algorithms,** joint with Shahrokh Asadi.
A term paper in Persian for simulation-based optimization course

کسب افتخارات و جوایز

- **2014:** Co-founding a company registered as a start-up at Isfahan' Park of Science and Technology and also registered as a Knowledge-Based company at Presidential Deputy for Science and Technology (highest rank for research-based companies in Iran)
- The company's product is a new approach to urban planning in Iran that works as a software based on a mathematical model
- **2010:** Ranked 20th among about 7000 participants in Iranian Nation-Wide Graduate Entrance Exam for Industrial Engineering.
- **1999:** Admitted in the National Organization for Development of Exceptional Talents (NODET) high school entrance exam (every year less than 5% of middle students are admitted based on nationwide entrance exam).
- **1998:** Elected as the member of the Kurdistan province's chess team in the national student match
- **1996:** Admitted in the National Organization for Development of Exceptional Talents (NODET) middle school entrance exam (every year less than 5% of basic students are admitted based on nationwide entrance exam).

توانایی ها و مهارت های فنی

- تسلط به نرم افزارهای Lingo, Gams, Eviews, Minitab, Matlab, Python, VB, VBA (in Excel), Linux shell
Microsoft Office Tools (Word, Power Point, Visio, Microsoft Project (MSP), PRIMAVERA, SPSS, R
(Excel, Access)