

# Hamed Khaledi

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## Education

[Eli Broad Graduate School of Management](#)  
[Michigan State University](#)

**Ph.D. in Business Information Systems:** *All but Dissertation*  
*Passed the Proposal Defense*

August 2013 – present (expected May 2018)

[Isfahan University of Technology](#)  
*Isfahan, Iran*

**Ph.D. Candidate in Industrial Engineering:** *All but Dissertation (Left as first in class)*

Sep 2009 – Sep 2012

[Sharif University of Technology](#)  
*Tehran, Iran*

**M.Sc. in Industrial Engineering (Socio-Economic Systems):** *First in class*

Sep 2004 – Oct 2006

**B.Sc. in Aerospace Engineering (Flight Dynamics & Control)**

Sep 1997 – July 2003

## Journal Publication

Khaledi, H.; Reisi-Nafchi, M. “[Dynamic Production Planning Model: A Dynamic Programming Approach](#)”, *International Journal of Advanced Manufacturing Technology*, November 2012

Khaledi, H. “[Programming Dynamic Programmers using Inverse Nash Equilibrium](#)”, *Seasonal Journal of Industrial Engineering (ISSN 5221-1560)*, Winter 2008, No. 44, Page 62-73.

## Conference Papers

Khaledi, H. “[A Generic System Dynamics Model of Firm Internal Processes](#)”, *33rd International Conference of the System Dynamics Society*, Boston MA, July 31, 2015.

Pentland, B.; Haerem, T.; Khaledi, H. “[Using Action Networks to Detect Change in Repetitive Patterns of Action](#)”, *ICIS*, Auckland New Zealand, December 2014.

Khaledi, H. “**Optimal Linear Contracts with a Risk Neutral Agent to Distribute a Finite Resource**”, *48<sup>th</sup> annual Meeting of the Decision Sciences Institute*, Washington DC, November 2017.

## Other Papers

Khaledi, H. “[Optimal Trading Strategies Based on Multivariate Regression Results](#)”, *SSRN*, January 2015.

Khaledi, H. “[Contracting with One Agent for One Period](#)”, *SSRN*, December 2014.

## Research in Progress

Khaledi, H. “**A Systematic Methodology to Design, Evaluate and Enhance Digitally Enforceable Constitutions**”, Doctoral Dissertation Project

Khaledi, H. “[An Agency Model Free from the Utility Theory](#)”, *Intelligent Systems in Accounting, Finance and Management*, Under Review. Submitted in March 2018.

## Research Interests

Blockchain Technology, Distributed Autonomous Organizations, Collective Intelligence, Algorithmic Mechanism Design, Management Control Systems, Governance and Control Systems, Incentive Systems, Design Science.

## Service

Reviewer for *European Journal of Operational Research* and *Managerial and Decision Economics*

## Computer Skills

MATLAB, Simulink, Visual C#, ASP.NET, SQL Server, SPSS, AMOS, LISREL, PLS, Minitab, iThink, GAMS

## Teaching Interests

Management Information Systems, Accounting Information Systems, Enterprise Information Systems, Database Design, Business Analytics, Managerial and Cost Accounting

## Educating Experience

**Business Analytics and Information Systems** (ITM 309 @ MSU)

Teaching Assistant (2 classes per semester): Fall-2013, Spring-2014, Fall-2014, Spring-2015, Fall-2015, Spring-2016  
Independent Instructor: Summer 2015 & Summer 2016

**MBA Executive Lecture Series** (MBA 846 @ MSU)

Graduate Assistant: Fall-2016, Spring-2017, Fall-2017, Spring-2018

## Professional and Work Experience

March 2009 – Sep 2009 : [Zarif Mosavar Co. LLC](#) Isfahan

**Performance Management Expert** (Reconstructing Performance Management System, Mathematical modeling and developing a software for Production Planning & Simulation)

Aug 2008 – March 2009 : [HESA : Civil Aircraft Design Centre](#) Isfahan

**Performance Measurement Expert** (Analyzing the Key Performance Indicators)

May 2008 – Aug 2008 : [FX-Forecast.com](#) Tehran

**Strategy Programmer** (Designing trading strategies and programming in Meta Trader)

Aug 2007 – April 2008 : [Saveh Rolling & Profile Mills Inc.](#) Tehran & Saveh

**Strategic Consultant** (Analyzing SWOT, Strategic Planning, BSC, Long-Term Planning; Analyzing Operations and Processes, Moving toward Lean and JIT Manufacturing)

Oct 2006 – Aug 2007: [Pouyesh Pardaz Manufacturing Co. Ltd.](#) Tehran

**Human Resource Officer** (Designing Contracts and Incentive Mechanisms, Staffing, Human Resource Planning, Developing Organizational Policies and Processes)

Aug 2003 – Sep 2004: *Pouya San'at Mojahed Co. Ltd.* Tehran

**Contracts Manager** (Participation in Managerial Decisions and Designing Contracts)

## References

**Professor Severin Grabski** ([grabski@broad.msu.edu](mailto:grabski@broad.msu.edu)): Professor of Accounting – *Dissertation Chairperson*

**Professor Bill McCarthy** ([mccarthy@broad.msu.edu](mailto:mccarthy@broad.msu.edu)): Professor of Accounting – *on Dissertation Committee*

**Professor Joshua Introne** ([jintrone@msu.edu](mailto:jintrone@msu.edu)): Professor of Computer Science – *on Dissertation Committee*

**Professor Frank Ravitch** ([fravitch@law.msu.edu](mailto:fravitch@law.msu.edu)): Professor of Constitutional Law – *on Dissertation Committee*

**Mrs. Helen Dashney** ([dashneyh@broad.msu.edu](mailto:dashneyh@broad.msu.edu)): Director, *Financial Markets Institute*

**Professor Brent Scott** ([scott@broad.msu.edu](mailto:scott@broad.msu.edu)): Professor of Management – *Teacher for Research Method*

**Professor Raymond Rakhshani** ([rakhshan@usc.edu](mailto:rakhshan@usc.edu)): Professor of Industrial and Systems Engineering – *Teacher*