

# Ali Kakhbod (abridged CV - last update: July 2022)

Haas School of Business  
Finance department  
University of California, Berkeley

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## Academic Position

**Haas School of Business**  
**UC Berkeley**

Assistant Professor of Finance, July 2022 –

## Education

**Ph.D., Economics, Massachusetts Institute of Technology (MIT), 2015-2021**

- Field: Finance
- Interest: Information friction, Liquidity, Contract, Big (alternative) data
- *Thesis committee*: Prof. Daron Acemoglu, Prof. Ricardo Caballero, Prof. Leonid Kogan, Prof. Andrey Malenko

**Ph.D., Electrical Engineering and Computer Science (EECS), University of Michigan, 2013**

- Field: Stochastic control & Information theory

**M.Sc., EE (optimal control), University of Michigan, 2012**

**M.Sc., Mathematics, University of Michigan, 2012**

- Field: Stochastics and optimization

## Teaching Experience

### @ UC Berkeley, Haas

230ZA: Deep learning for finance I (instructor, Fall, 2022)

230ZB: Deep learning for finance II (instructor, Fall, 2022)

### @ Rice, Jones GSB

MGMT 782: Tech tools for business (Machine learning for business) (instructor, Fall, 2021)

MGMT 638: Quantitative investment strategies (Machine learning for finance)(instructor, Fall, 2021)

### @ MIT, Economics Dept. and Sloan

15.456: Asset Pricing (2020)

14.01: Principles of Microeconomics (2018, 19)

14.281: Contract theory (2017)

14.12: Game theory (2017)

14.16: Strategy and Information (2020)

15.455: Advanced Financial Engineering (computational methods in finance)(2018, 2019, 2020)

## Relevant Positions

Assistant Professor of Finance, Jones GSB, Rice University, July 2021- June 2022

Research Assistant to Prof. Daron Acemoglu 2015-2018

Research Assistant to Prof. Ali Jadbabaie and Prof. Asu Ozdaglar 2013-2015

## Publications

Please visit my website at [here](#) for more information.

### *Book*

**Resource Allocation in Decentralized Systems with Strategic Agents:  
An Implementation Theory Approach**, Springer, (2014)

Springer Outstanding PhD Thesis award.

Winner of the Richard and Eleanor Towner Prize.

Keywords: Full Nash Implementation, Wallrasian equilibrium, Lindahl equilibrium, Budget balance on and off equilibrium, Individual rationality, Complex Networks, Mechanism-Market design.

### *Book Chapter*

Power Allocation, Spectrum Sharing, and Revenue Maximization in Networks:

An Implementation Theory Approach. (with A. Nayyar, S. Sharma and D. Teneketzis)

Chapter 5 in *Mechanisms and Games for Dynamic Spectrum Allocation*.

Editors: T. Alpcan, H. Boche, M. Honig, H. Vincent Poor, **Cambridge University Press**, 2014.

## Awards

Neekeyfar Fund Award, Office of the Dean for Graduate Education, MIT, 2018

Hand Foundation MIT Doctoral Fellowship, 2015

Richard and Eleanor Towner Prize for Distinguished Academic Achievement, 2013

Outstanding PhD Thesis Award, Springer Outstanding PhD Thesis award (university wide), 2013

University of Michigan Doctoral Fellowship, 2008