# Chunyu (Ben) Yang

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## EDUCATION

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|---|---|---|
| Ph.D. | Quantitative Finance and Risk Management<br>McCombs School of Business, University of Texas at Austin, USA<br>Advisor: Stathis Tompaidis | August 2010 |
| M.S. | Statistics, Iowa State University, USA | August 2004 |
| B.E. | Engineering Mechanics, Tsinghua University, China<br>• Undergraduate study at Tsinghua SEM from 1997 to 1999<br>• Transferred to Engineering School in Jan 2000 | July 2002 |

## ACADEMIC EXPERIENCE

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|---|---|---|
| **Assistant Professor** | Financial Economics<br>BI Norwegian Business School, Oslo, Norway | August 2012 - Present |

## RESEARCH INTERESTS

Asset Pricing, General Equilibrium Model, Portfolio Choice, Derivative Pricing, Financial Risk Management

## PUBLICATIONS

- "Why Does Junior Put All His Eggs In One Basket? A 7"H:vphqJ?JqN-HOH: -J-G--W:FgWJqqNNO:ep-"NH":A":f?:J?qW-Gna?:.

## TEACHING EXPERIENCE

**Instructor**, BI Norwegian Business School, Oslo, Norway Spring 2013

- Options and Futures (Finance Major Undergraduate)

**Instructor**, McCombs School of Business, University of Texas at Austin, USA Fall 2009

- Business Statistics (Business Major Undergraduate)

## INDUSTRY EXPERIENCE

**Market Modeler and Strategist**, Morgan Stanley, New York, New York July 2010 - April 2012

- Developed portfolio optimization models to support investment decisions of portfolio managers
- Developed pricing and hedging models for mortgage related products

## SKILLS

- Expertise in asset allocation with constraints and transaction costs and derivative pricing using Least Square Monte Carlo method and Lattice/Tree method.
- Experienced with a variety of statistical analysis, optimization methods, data mining and machine learning techniques, and the applications in Finance.
- Experienced with large-scale parallel computing on supercomputer using C and MPI.
- Proficient in C/C++, MATLAB, and R; Familiar with SAS, Excel VBA, GAMS, Python, kdb+/Q, and various UNIX shells.

## AWARDS

- NFI Publication Bonus, 2012, Norway Central Bank
- Graduate School Continuing Fellowship (2009-2010), University of Texas at Austin
- Dean's Fellowship (2005-2009), McCombs School of Business
- Eugene and Dora Bonham Fellowship (2005-2009), McCombs School of Business
- Undergraduate Academic Excellence Award (1999-2001), Tsinghua University, China

## PRESENTATIONS

"The Test Region Iterative Contraction (TRIC) Method for Solving Stochastic Control Problems in Finance"

- BI Norwegian Business School, Nov 2012 (Oslo, Norway)
- INFORMS Annual Meeting, Oct 2012 (Phoenix, USA)

"A Simulation Algorithm for Solving Dynamic Portfolio Choice Problems"

- INFORMS Annual Meeting, Oct 2009 (San Diego, USA)
- University of Texas at Austin, Sep 2009 (Austin, USA)

"Pricing American-Style Options by Monte Carlo Simulation: Alternatives to Ordinary Least Squares"

- INFORMS Southwest Regional Meeting, April 2008 (College Station, USA)
- University of Texas at Austin, April 2007 (Austin, USA)