TEDDY WONG

💼 PROFESSIONAL EXPERIENCE

2023
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Current

Agi3 Risk Services
Chief Underwriting Officer 📍 Long Beach, CA
- Develop underwriting standards
- Underwrite policy and portfolio risks
- Reporting and business development

2021
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2023

AIRM Consulting
Reinsurance and Strategic Partnerships 📍 Long Beach, CA
- Business planning
- Reinsurance consulting
- Capital/cash flow/loss modeling
- Regulatory requirements, ratings, domicile consulting

2021
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2015

Ironshore/Pembroke/Liberty/Hamilton
Regional Agriculture Reinsurance Manager 📍 Los Angeles, CA
- Manage and underwrite global agriculture treaty risk portfolio.
- Lead reinsurance binder for India and manage delegated underwriting authority in Australia.
- Lead data science projects involving yield estimation and portfolio optimization.
- Liaise with clients, brokers, government and academic partners.

2015
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2012

Catlin/XL/AXA
Reinsurance Underwriter 📍 Costa Mesa, CA
- Underwriting crop, livestock, hail, parametric risks.
- Coordinate with local branches in N.America, Asia, Europe, Australia.
- Develop new business opportunities

2012
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2010

Endurance Re
Agriculture Reinsurance Underwriting Analyst 📍 Irvine, CA

2008

ERS/USDA
Economist for the Market and Trade Economics Division, Economic Research Service of the U.S. Department of Agriculture. Summer internship.

📍 Washington D.C.

CONTACT INFO

✉ teddy.t.wong@gmail.com

🐙 tedtwong.github.io

📞 +1 510.684.6176

SKILLS

🌐 Insurance/insurtech business development.

✏ Reinsurance treaty underwriting. Agriculture, weather, and parametric risks.

🌱 Global crop insurance market and public/private partnerships.

🔢 Applied statistical analysis, models, and optimization methods.

</> R, Python, SQL, Tableau, Matlab, GitHub, Quarto, TensorFlow.

🤝 Collaboration, communication, problem-solving, presentation, research, and adaptability.

🎓 EDUCATION

2011

University of California, Davis
PhD Candidate, Agriculture and Resource Economics. ABD 📍 Davis, CA

- Dissertation: "Commodity Futures Markets Under Rational Expectations with a Speculative Fringe: Theory and Evidence"
- Fields of Interest: Commodities Markets, Development Economics, Industrial Organization, and Econometrics.

2003

University of California, Berkeley
BA Economics & BA Political Economy 📍 Berkeley, CA

Certificates
- Google Data Analytics Professional Certificate (8 Courses) 📍 Online
- Introduction to TensorFlow for AI/Machine Learning.

2022

💻 TEACHING/RESEARCH EXPERIENCE

2008
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2004

UC Davis Teaching Assistant
UC Davis 📍 Davis, CA

- ARE139 Futures and Options Fall 2008
- ARE171A, Corporate Finance, Winter 2007
- BIS20Q, Mathematical Modeling in Biological Sciences, Spring 2006, Fall 2007
- NPB100Q, Modeling in Neurobiology, Fall 2006, Fall 2007

- ARE100A, Intermediate Microeconomics, Winter 2004, Summer 2005, Winter 2006
- ARE106, Econometrics, Winter 2005
- ARE115A, Development Economics, Fall 2004, Fall 2005

2010
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2003

UC Davis Research Assistant
UC Davis 📍 Davis, CA

- Colin Carter/Aaron Smith/Jim Chalfant (Commodity Markets), Winter 08/09, Spring 08/09/10

- Steve Boucher (Development Economics), Spring 2005
- Scott Rozelle (Development Economics), Fall 2003, Spring 2004

💬 PRESENTATIONS

2017

Presenter
"Machine Learning in Agriculture Yield Estimation" at Guy Carpenter Agriculture Rendezvous

📍 New Delhi, India

July 2010

Presenter
"Price Dynamics and Their Causes: An Exploration in Futures and Spot Market Interactions" with Aaron Smith at AAEA

📍 Denver, CO

October 2009

Discussant
"The Impact of the Extreme Events on Commodity Market Volatility" by Peter Went (GARP) at Financial Management Association (FMA)

📍 Reno, NV

April 2009

Presenter
"Index Trader Effects on Inter-temporal Price Spreads in Commodity Futures" with Colin Carter and Aaron Smith at NCCC-134 (Applied Commodity Price Analysis, Forecasting, and Market Risk Management)

📍 St. Louis, MO

September 2008

Presenter
"Effects of Factor Markets on Agricultural Production in China" at ERS/USDA Department Presentation

📍 Washington, D.C.