

# TEDDY WONG



## PROFESSIONAL EXPERIENCE

Current  
|  
2021

### AIRM Consulting

Reinsurance and Strategic Partnerships

Los Angeles, 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.



## 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

## CONTACT INFO

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🌐 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.

## 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.

*This resume was made with the R package **pagedown**.*

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