

Tim Chou

Internet of Things Speaker, Stanford Lecturer, Former President of Oracle on Demand

Please contact a GDA agent for information.

Topics

- Business
- Global Finance
- Innovation / Creativity
- IT
- Technology / Alternate Technology



About Tim Chou

Timothy Chou has a career spanning academia, successful (and not so successful) startups and large corporations. He was one of only six people to ever hold the President title at Oracle. As President of Oracle On Demand he grew the cloud business from its very beginning. Today he serves on the Board of Directors of Blackbaud (NASDAQ: BLKB) and Teradata (NYSE:TDC).

He started his career at one of the original Kleiner Perkins startups, Tandem Computers. He's invested in and been a contributor to a number of other startups, some you've heard of like WebEx, and others you've never heard of but were sold to companies like Cisco and Oracle. Recently he became the Chairman of the Alchemist Accelerator focusing on industrial IoT and has invested in a select group of young companies all focused in cloud computing, blockchain, machine learning and artificial intelligence.

In 1982, Tim was asked to teach a class at Stanford University. He taught introductory computer architecture for fifteen years and only stopped because he had to fly to Bali, do a sales kickoff and fly back in 24 hours to teach class. Since leaving Oracle he returned to Stanford, where he launched Stanford's first course on cloud computing, CS309A. Now in its 12th year the course has featured guest lectures by nearly 100 public company CEOs. Tim has delivered keynote speeches on all six continents and recently launched another book, Precision: Principals, Practices and Solutions for the Internet of Things. The prime minister of Vietnam has called the book a "roadmap for the future of the economy".

Tim has been a visible pioneer in evangelizing this major shift in computing. He has appeared in various publications including Forbes, Business Week, The Economist, and New York Times as well as on CNBC and NPR. He has also been a keynote speaker for business and technology audiences in North America, South America, Asia and Europe. Not content to merely talk about the subject, he has invested in several enterprise software companies. Timothy holds a Ph.D. in Electrical Engineering from the University of Illinois.

Select Keynotes

• Digital Transformation

This talk will not show you videos of the earth being reshaped by volcanic activity; nor any charts of how much the Fortune 500 has changed in the past twenty years and certainly no slides with Blockbuster and Netflix logos. Instead we'll focus on five essential themes any enterprise from financial services to manufacturers or users of healthcare, construction, transportation or industrial printing machines should consider in their future plans.

As 90+% of the US economy and a growing percentage of the global economy is service, you should realize service is not break-fix, but personal and relevant information delivered by software. Analytics is not a by-product of business workflow applications it is the business. Second, the digital enterprise will be a connected enterprise. While of course we all use email and text, you'd be surprised how much of healthcare is isolated islands of people, information and machines. A connected, collaborative enterprise provides the perfect entry point for next generation neural network-based enterprise AI applications. The applications could include fraud detection, crop blight detection and medical image diagnostics. Today there are fewer than 3,000 pediatric radiologists on the planet. Imagine how pediatric healthcare could be transformed if we could create AI doctors available at a moment's notice, globally.

While AI, 5G, edge and cloud computing are all very cool the fourth major transformation is not technology, rather business models. We're already seeing the beginnings of the transformation of the automotive world by Uber, Didi and Lyft. In a connected autonomous world, you'd never own a car. We'll discuss three powerful business models to get you started. Finally, we'll talk about how to fund all of this. While technology companies can bring lots of cool ideas, how can you afford to fund the digital transformation?

- **Enterprise Artificial Intelligence (AI) - The Next Steps in Analytics**

Enterprise Artificial Intelligence (AI) has had significant advances in the past couple years. Whether it be Alexa voice recognition or Facebook facial recognition it's happening faster than anyone predicted. What does this mean for Enterprise Computing?

This talk will focus on the three significant changes in neural networks, deep learning and the machine learning life cycle that have enabled these amazing leaps. Dr. Chou will show you how the next generation of enterprise analytics will be based on Artificial Intelligence and not Business Intelligence.

- **Next Generation Business Models**

While software and hardware technology has evolved at a meteoric rate over the past three decades, the more significant changes have been driven by economics and the resulting creation of new business models.

In this talk Dr. Chou will present seven key business models and discuss how these models have completely reshaped the software industry. As almost every business is becoming a software business, Dr. Chou will discuss by showing how these business models might change every industry from transportation to construction.

- **Precision Business Models**

A roadmap for any company that makes ag, construction, healthcare, power, transportation machines to doubling revenue and quadrupling margins. We'll cover business models as well as the essential technologies required to implement. But technology is not enough, we'll also discuss the transformation of sales, marketing, budgets, finance and organizations.

Select Book Titles

- **2015:** Precision: Principles, Practices and Solutions for the Internet of Things
- **2015:** Cloud Computing: Fundamentals
- **2011:** Introduction to Cloud Computing
- **2008:** Cloud
- **2007:** Why Buy the Cow?: How the On-Demand Revolution Powers the New Knowledge Economy
- **2004:** The End of Software: Transforming Your Business for the On Demand Future

Select Articles

- [Real Nation Building](#)

Can IoT software transform a nation? Let's watch.