



Artificial Intelligence in Finance
at
Hong Kong University of Science and Technology

Guest speaker – Brian Zheng

Brian Zheng

- Grew up in Shenzhen
- College in Chicago
- Working in Hong Kong



Northwestern University

My college

- Class of 2016, Northwestern University
- Bachelor of Arts in Mathematics and Economics
- Kellogg Certificate in Financial Economics



Internships



PricewaterhouseCoopers, Shenzhen

- Management Consulting internship
- Sophomore Year summer

Goldman Sachs, Chicago

- Private Wealth Management internship
- Junior Year spring



Full time career



J.P. Morgan, Hong Kong

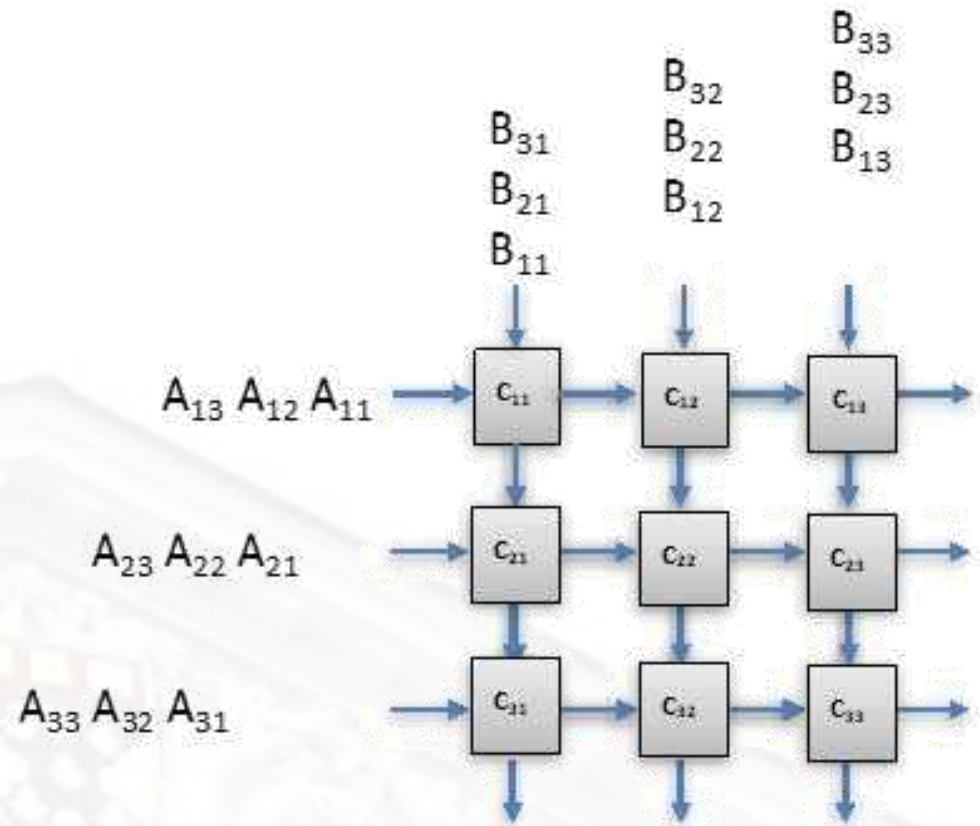
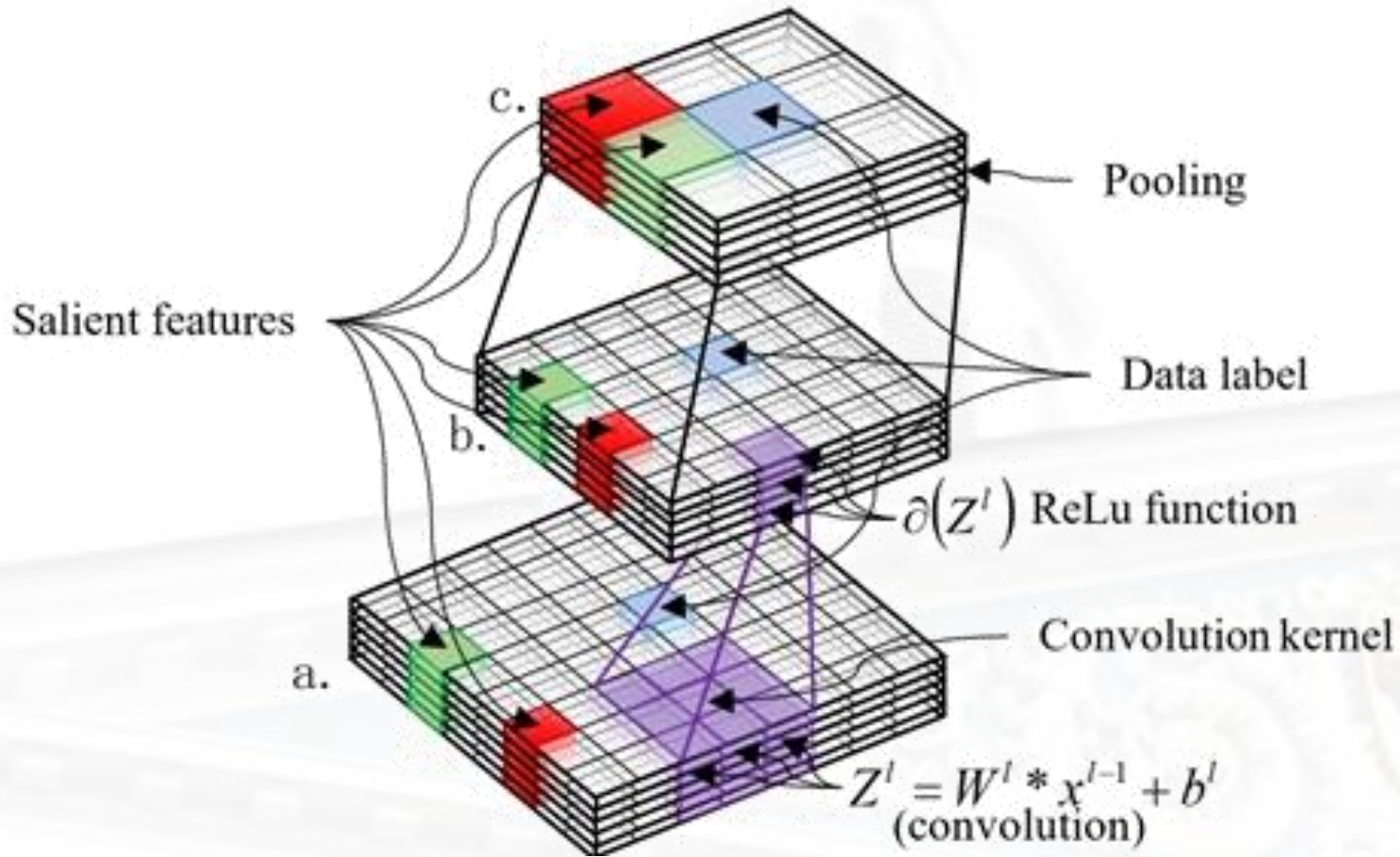
- Investment Banking Analyst, 2016 - 2019
- Investment Banking Summer Analyst, 2015

Alpha Intelligence Capital

- Investment Associate



**Alpha
Intelligence
Capital**



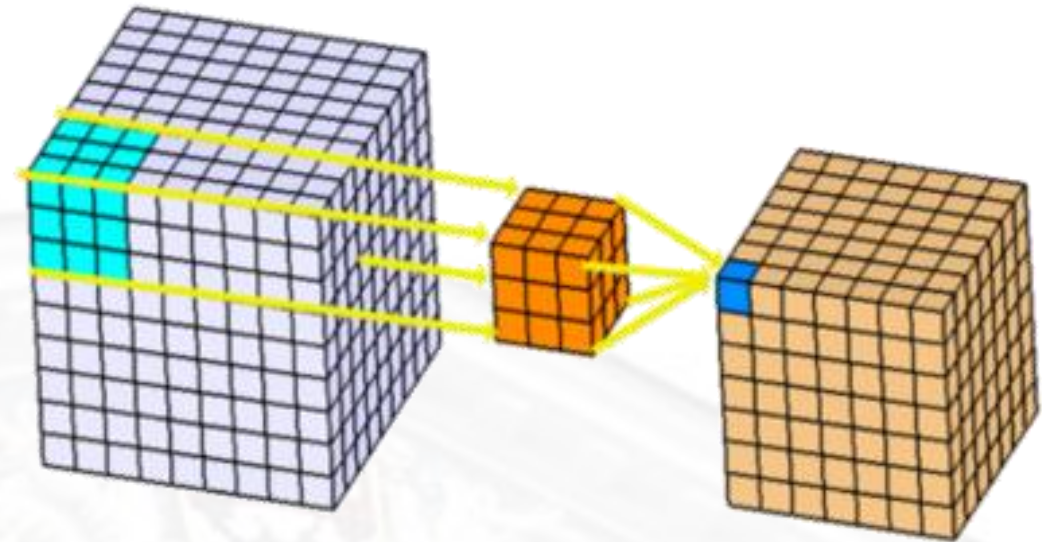
Convolution: 2D & 3D

1 _{x1}	1 _{x0}	1 _{x1}	0	0
0 _{x0}	1 _{x1}	1 _{x0}	1	0
0 _{x1}	0 _{x0}	1 _{x1}	1	1
0	0	1	1	0
0	1	1	0	0

Image

4		

Convolved
Feature





Teams

We understand that building outstanding robotics is not only about having access to money and tech but also having access to the talent with the vision and ability to build future products.

Our people are our core strength, and building teams that consist of leading engineers and scientists from all over the world is our key priority.

▲ NEXT





20 YEARS OF INTERNET GIANTS

The Top 20 Biggest Web Properties Over Time



SOURCES: Media Metrix (Dec 1998), ComScore (Dec 2003, Dec 2008, Dec 2013, and Nov 2018)

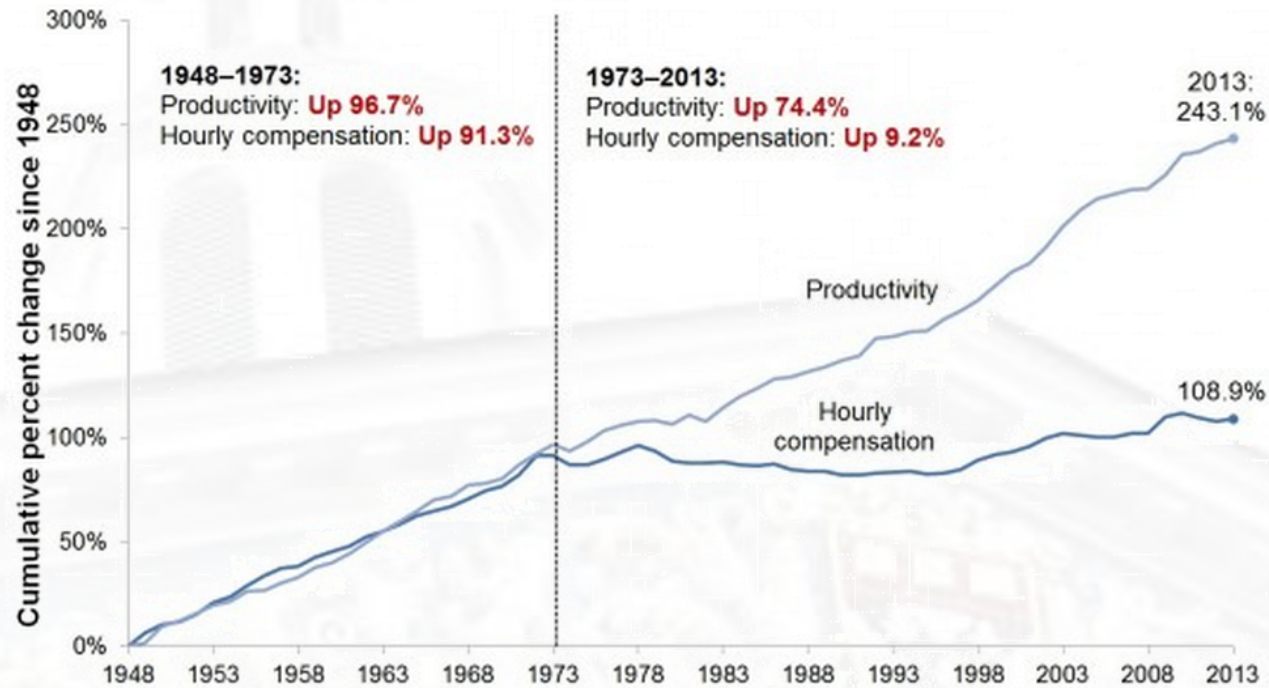
21 Jobs for 2018



Source:
<https://thetechrevolutionist.com/2017/12/future-of-work-cognizant-shares-3cs-to.html>

Workers produced much more, but typical workers' pay lagged far behind

Disconnect between productivity and typical worker's compensation, 1948–2013



Note: Data are for compensation (wages and benefits) of production/nonsupervisory workers in the private sector and net productivity of the total economy. "Net productivity" is the growth of output of goods and services less depreciation per hour worked.

Source: EPI analysis of Bureau of Labor Statistics and Bureau of Economic Analysis data

Updated from Figure A in *Raising America's Pay: Why It's Our Central Economic Policy Challenge*

