

Scott Chen

San Francisco Bay Area



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Summary

Proven leadership skills in a dynamic environment. Led 150+ people team in LA, Beijing and Taipei making 100M+ yearly revenue.

Advanced knowledge in the following areas: Growth, anti-Spam, Ads, Subscription, Search and Machine Learning

Hands-on experiences in designing and implementing big data solution, distributed system, recommendation system and experimentation infrastructure

Experience



Investment Director

Orchid Asia Group Management Ltd

Jun 2020 - Present (3 months +)

Help the PE firm with 5B+ AUM with the deals using my operational experiences.



Advisor

Grindr

Jun 2020 - Present (3 months +)



President / Chief Technology Officer

Grindr

Jan 2018 - Jun 2020 (2 years 6 months)

Led the company to success in user growth, revenue growth and profitability. Tripled EBITDA in 2 years.

Led the sale process and sold the company with a greatly increased valuation from \$245M to \$620M.

Helped restructure the engineering and product teams as well as the software development process to make them move faster and more effective.

Built the oversea product and engineering teams with 80+ full-time employees in Taiwan from scratch.



Vice President Of Engineering

Beijing Kunlun Tech Co Ltd (SZ:300418)

Sep 2016 - Jan 2018 (1 year 5 months)

Focused on the acquisition of Grindr including market and product research and prototyping.



Engineering Manager

Facebook

Feb 2016 - Sep 2016 (8 months)

Managed Core Machine Learning Algorithms team. We developed innovative machine learning models used across Facebook products including Ads and News Feed which directly drive company top-line metrics like DAU, Time-Spent and Ad Revenue.



Engineering Manager

Instagram

Dec 2014 - Feb 2016 (1 year 3 months)

Led Community Engineering team to drive Instagram MAU to hit the 400M milestone. The team is responsible for the following 3 product areas at Instagram:

- Growth: Growing the number of active users of Instagram through acquisition, activation and resurrection;
- Protect: Protecting the users from abusive content or behavior such as spam and porn;
- Support: Building supporting tools and UI that allow users give feedback or seek for help.



Committer of Hadoop MapReduce

The Apache Software Foundation

Sep 2010 - 2015 (5 years 4 months)

I wrote HDFS RAID, an implementation of Erasure Codes in HDFS to reduce the replication factor of data in HDFS.



Engineering Manager / Software Engineer

Facebook

Jun 2009 - Dec 2014 (5 years 7 months)

My main contributions are in Data Infrastructure and Search.

- Managed Entity Ranking team. The team is responsible for building the C++ based Search Backend and the Ranking Algorithm for Facebook users, pages, groups and places searches.
- Designed and implemented the A/B test framework for search. This allows the search team to do rigorous A/B testing in a systematic way.
- Designed and implemented Hadoop Corona, the Hadoop scheduling infrastructure at Facebook. It is Facebook's equivalent of Apache Yarn. See one of my patents [System and method for cluster management] for more details.
- Designed and implemented Reed-Solomon Codes in HDFS. I came up with this idea and wrote the key component in a Hackathon. This project has later helped Facebook saved hundred of petabyte of storage in data warehouse as well as media storage.
- Helped build and launch Facebook Graph Search. It is a semantic search that can answer user's query in a natural language based grammar.



Teaching Assistant

Caltech

Jan 2005 - Jun 2009 (4 years 6 months)

EE111 Signals, Systems and Transforms, EE112ab DSP, and EE128ab Multirate Systems



Ph.D. Researcher

Caltech

Sep 2004 - Jun 2009 (4 years 10 months)

Published 1 book chapter, 8 journal papers and 19 conference papers which overall received over 2000 citations.

Second Lieutenant Platoon Leader

Taiwan Army

Oct 2002 - Apr 2004 (1 year 7 months)

Mandatory military service in Taiwan



Assistant Programmer

National Taiwan University

Jan 1997 - Dec 2000 (4 years)

Web developer using ASP and PHP.

Education



Caltech

Ph.D., Electrical Engineering, Applied and Computational Mathematics

2004 - 2009

Won the best paper award in ICASSP, the biggest Signal Processing conference.



National Taiwan University

M.S., Communication Engineering

2000 - 2002



National Taiwan University

B.S., Electrical Engineering

1996 - 2000

Honors & Awards



ICASSP best paper award

2007

Skills

Hadoop • Distributed Systems • Statistical Modeling • Java • C++ • Python • Matlab • Linux • Machine Learning • MySQL