

# Chen Huang

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https://chenhuang.info

## Experience

**Lead of Partner Integrations** Google 10/2018-Now  
*Conversation AI partner developer ecosystem: Incubated and scaled Google Assistant developer integrations on Automotive and Web surfaces; Acting product manager for multiple Google Assistant feature improvements*

- Led a global team of 3 sales engineers and launched top 10 global media partners on Google Maps driving mode; Achieved xxx% YOY media usage.
- Established quarterly developer research to identify integration bottlenecks: Identified and prioritized bugs that results in > xx% reduction of user errors.
- Led integration sunset and pivot with top 5 global Auto OEM developer teams: Ford, GM, Volvo, Stellantis and Toyota, ensured retention with low escalations.
- Developed product demos for Google I/O developer conference 2019-2022 (5000+ attendance).

Contributions as an acting Product Manager:

- Led a cross-functional teams of 5 employees to develop discovery features for voice-only games on Android Auto; Achived x% assistant DAU increase.
- Launched top 5 voice-only games on Android Auto: [9To5Google](#), [voicebot.ai](#)
- Led a cross-functional team of 10 employees to develop voice enabled search for parking and charging on Android Auto, launched on top 3 charging and parking partners.
- Developed product demos and presented at Goolge I/O developer conference 2022: [Car talk: Assistant and Android for cars](#).

**Software Engineer** Google 04/2017-10/2018  
*Machine Learning for Google Hotel Ads Quality*

- Designed and implemented new autobidding algorithms that improve hotel partner's ROI by x%.
- Improved pCVR modeling performance by x% with new features and models..

**Senior Software Engineer** Walmart eCommerce 06/2015-04/2017  
*Machine Learning for Walmart Featured Products and Sponsored Ads.*

- Lead the effort to build better ads ranking models, improved CTR by x%.
- Reduced the number of cold-start items by x% with semi-supervised and sampling algorithms..

## Education

Ph.D. Candidate, Information Science, **University of Maryland**, College Park, USA, 2015

- *Researched Social Media user motivations: why users posts on social media and what they post.*

M.S., Information Science, **University of Michigan**, Ann Arbor, USA, 2009

- *Studied Information Retrieval: how to extract summaries from text and Human Computer Interactions: user centered design.*

B.E., Software Engineering, **Beihang University**, Beijing, China, 2007

## Publications

Chen Huang, Ping Wang, Yan Qu "Diffusion of IT Innovations via Social Media: Studying a Chinese Micro-blog Community", Academy of Management 2012, Boston, MA, 2012

Yan Qu, Chen Huang, Pengyi Zhang, Jun Zhang "Microblogging after a Major Disaster in China: A Case Study of the 2010 Yushu Earthquake," *CSCW 2011*, Hangzhou, China, 2011

Yan Qu, Chen Huang, Pengyi Zhang, Jun Zhang "Harnessing Social Media in Response to Major Disasters," *CSCW 2011 Workshop: Designing Social and Collaborative Systems for China*, 2011

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Pengyi Zhang, Yan Qu, Chen Huang “The Role of Innovation Governance and Knowledge Management for Innovation Success,” *HICSS 2011*, HI, US, 2011

Pengyi Zhang, Yan Qu; Chen Huang and et. al. “Collaborative Identification and Annotation of Government Deep Web Resources: A Hybrid Approach,” *Hypertext 2010*, Toronto, Canada, 2010

### Additional Information

- Programming Languages: Python, C++ , Java, SQL, Javascript(some)
- Interests:
  - Entrepreneurship (Have been running a real-estate construction company [HYYH LLC](#) with a goal to make more affordable modern Eichler single family houses in the bay area; Finalists of a few internal hackthon projects around lodging and web3).
  - Running (A few marathons).
  - Poker (Competent at mid-stake cash games, running at 5BB/hr@250hours in the recent 2 years).