

Cameron Chen

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Experiences

2017-current	Tech Lead Manager, Staff Software Engineer, Google Research & Google Health	Palo Alto, CA
	<ul style="list-style-type: none">Published 30+ research publications in leading scientific and clinical journals, including Nature, Nature Medicine, JAMA, JAMA Oncology, Lancet Digital Health, etcBuilt and lead cross-functional teams to deliver results from initial proofs-of-concept to productionizationEngaged, signed, and delivered several external partnership programs in both revenue generation and research collaboration settingsExperienced in navigating ambiguity with complex stakeholder setups	
2016	Quantitative Research Intern, Vatic Labs	New York, NY
	<ul style="list-style-type: none">Algorithmic high-frequency trading	
2015	Machine Learning Intern, Palantir	Palo Alto, CA
	<ul style="list-style-type: none">Energy usage pattern analysis	
2014	Machine Learning Scientist Intern, Amazon	Seattle, WA
	<ul style="list-style-type: none">Demand forecasting	
2010	Intern, McKinsey & Company	Taipei, Taiwan
	<ul style="list-style-type: none">Tech product design analysis	

Education

2012-2017	PhD, Princeton University	Princeton, NJ
	<ul style="list-style-type: none">Machine Learning and Computational Neuroscience	
2007-2011	BS, National Taiwan University	Taipei, Taiwan
	<ul style="list-style-type: none">Electrical Engineering	

Selected Publications

For a full publication list, see <https://scholar.google.com/citations?hl=en&user=OrhZiAlAAAAJ>

- Jaroensri, Wulczyn, ..., and **Chen**. Deep learning models for histologic grading of breast cancer and association with disease prognosis. NPJ Breast Cancer, 2022
 - Bulten*, Kartasalo*, **Chen***, et al. Artificial intelligence for diagnosis and Gleason grading of prostate cancer: the PANDA challenge. Nature Medicine, 2022
 - Gamble, Jaroensri, ..., and **Chen**. Determining breast cancer biomarker status and associated morphological features using deep learning. Nature Communications Medicine, 2021.
 - Lai, Kingslake, Wearing, **Chen** et al. Vulnerability of Antarctica's ice shelves to meltwater-driven fracture. Nature, 2020
 - Chen***, Liu*, and Peng, How to develop machine learning models for healthcare. Nature Materials, 2019
 - Liu*, **Chen***, Krause, and Peng, How to read articles that use machine learning: users' guides to the medical literature. JAMA, 2019.
 - Lin, and **Chen**. Artificial Intelligence in a Structurally Unjust Society. Feminist Philosophy Quarterly (forthcoming)
- *: co-first authorship

Selected Awards & Honors

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| 2016 | <ul style="list-style-type: none">Google PhD Fellowship (1 of 25 PhD fellows in North America) |
| 2015 | <ul style="list-style-type: none">NeurIPS Oral Presentation (1 of 15 papers accepted for oral presentation) |