

Weicheng Kuo

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Google Scholar: <https://scholar.google.com.tw/citations?user=Eta6Y-kAAAAJ&hl=en>

Education and Honors

University of California, Berkeley

Class of 2019

PhD in Computer Science

Berkeley Graduate Fellowship: Highest grad student honor fellowship awarded by UC Berkeley

National Taiwan University

Class of 2013

Bachelor of Science in Electrical Engineering and Computer Science

International Physics Olympiad Gold Medalist

Jul 2009,

World rank 23 out of 395

Mexico

Selected Publications

DeepBox: Learning objectness with convolutional networks

ICCV 2015

Weicheng Kuo, Bharath Hariharan, Jitendra Malik

From Lifestyle VLOGs to Everyday Interactions

CVPR 2018

David Fouhey, Weicheng Kuo, Alyosha Efros, Jitendra Malik

Cost-Sensitive Active Learning for Intracranial Hemorrhage Detection

MICCAI 2018

Weicheng Kuo, Christian Haene, Esther Yuh, Pratik Mukherjee, Jitendra Malik

ShapeMask: Learning to Segment Novel Objects by Refining Shape Priors

ICCV 2019 (Oral)

Weicheng Kuo, Anelia Angelova, Jitendra Malik, Tsungyi Lin

Expert-level detection of acute intracranial hemorrhage on head computed tomography using deep learning

PNAS 2019

Weicheng Kuo, Christian Haene, Esther Yuh, Pratik Mukherjee, Jitendra Malik

Work Experience

Google Brain

Jul 2019-Present

Research Scientist, Robot Vision Team

Develop object semantics and geometry understanding algorithms for robots and internal product teams.

Mountain View, CA

Google Brain Intern, Robot Vision Team Develop instance segmentation algorithm when annotations are not available.	May 2018-May 2019 Mountain View, CA
Apple Research Intern, Camera Vision Team Collect data and develop object tracking algorithm for video summarization	May 2016-Aug 2016 Cupertino, CA
Google Research Research Intern Develop fast de-reflection algorithm in C++ for the PhotoScan app.	May 2015-Aug 2015 Cambridge, MA
Mckinsey & Company Business Analyst Develop China President office and 5-year China entry strategy for a global company	May 2012-Aug 2012 Shanghai, China