

# Weicheng Kuo

Email: weicheng@google.com

Phone: +1(626)247-1321

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

2364

Medallion DR.

Union City, CA

94587

## Education and Honors

### **University of California, Berkeley**

Doctor of Philosophy in Computer Science, Minor in Statistics

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

Class 2019

### **National Taiwan University**

Bachelor of Science in Electrical Engineering and Computer Science

Class 2013

### **International Physics Olympiad Gold Medalist**

World rank 23 out of 395

Jul 2009,

Mexico

## Selected Publications

### **DeepBox: Learning objectness with convolutional networks**

Weicheng Kuo, Bharath Hariharan, Jitendra Malik

ICCV 2015

### **From Lifestyle VLOGs to Everyday Interactions**

David Fouhey, Weicheng Kuo, Alyosha Efros, Jitendra Malik

CVPR 2018

### **Cost-Sensitive Active Learning for Intracranial Hemorrhage Detection**

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

MICCAI 2018

### **ShapeMask: Learning to Segment Novel Objects by Refining Shape Priors**

Weicheng Kuo, Anelia Angelova, Jitendra Malik, Tsungyi Lin

ICCV 2019 (Oral)

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

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

PNAS 2019

## Work Experience

### **Google Brain**

#### **Software Engineer, Robot Vision Team**

Develop object geometry understanding algorithm for graphics and robotics..

Jul 2019-Present

Mountain View, CA

<b>Google Brain</b> <b>Intern, Robot Vision Team</b> Develop instance segmentation algorithm when annotations are not available.	May 2018-May 2019  Mountain View, CA
<b>Apple</b> <b>Research Intern, Camera Vision Team</b> Collect data and develop object tracking algorithm for video summarization	May 2016-Aug 201  Cupertino, CA
<b>Google Research</b> <b>Research Intern</b> Develop fast de-reflection algorithm in C++ for the PhotoScan app.	May 2015-Aug 2015  Cambridge, MA
<b>Mckinsey &amp; Company</b> <b>Business Analyst</b> Develop China President office and 5-year China entry strategy for a global company	May 2012-Aug 2012  Shanghai, China