

## Trieu H. Trinh

[thtrieu.github.io](http://thtrieu.github.io)

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### Publication

1. **Trinh, Trieu H.**, Andrew M. Dai, Thang Luong, and Quoc V. Le. "Learning longer-term dependencies in RNNs with auxiliary losses.". International Conference on Machine Learning (**ICML 2018**).
2. **Trinh, Trieu H.**, and Quoc V. Le. "A Simple Method for Commonsense Reasoning." *arXiv:1806.02847* (2018).
  - **Guest Seminar at Stanford NLP Group**, August 16th 2018.
  - **Guest talk at OpenAI**, July 2018.
  - **Open-sourced to [tensorflow/models](#)**

### Work Experience

July 2017 - present

**Google Brain** (Mountain View, CA)

Work and collaborate on research projects in the field of Deep Learning, publish at top-tier scientific venues. Research mentor: [Quoc V. Le](#)

### Open-source project

[darkflow](#)

★ 4k 🍷 1.4k

Tensorflow port of *You Only Look Once*: **real time object detection and classification**.  
Used in: [Tensorflow's Android](#) demo, [Udacity's self-driving car](#) online learning course.

[essence](#)

★ 57 🍷 17

A computational graph constructor with **Autodiff** built on **C and Numpy**.  
Running demos: Neural Turing Machine, Visual Question Answering, DQN for inverted pendulum, etc.  
Featured in: [A Wild Week in A.I. newsletter](#) (issue 35).

### Research Internships

Summer 2016

Misfit Wearables Inc.

Tensorflow, Objective C

- Build real-time face recognition, object detection and classification on **mobile device**.

Winter 2016

Japan Advanced Institute of Science and Technology

Theano, Tensorflow

- Experiment using **CNN/RNN for Question Classification** on TREC dataset.

Summer 2015

University of Montreal

R

- Build and open sourced an **R package** for educational data synthesis, with 11 built-in statistical models.

### Education

August 2013 - May 2017

Ho Chi Minh University of Science, Vietnam

Bachelor in Computer Science

University Entrance Valedictorian (2013)

First Ranked Student (2014)

Final GPA: 3.91