

Trieu H. Trinh

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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.

Work Experience

July 2017 - present

Google Brain Resident

Open-source project

[darkflow](#)

★ 3.9k 🍴 1.3k

Tensorflow port of *You Only Look Once*: **real time object detection and classification**
Featured 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 demo: 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

Bachelor in Computer Science

University Entrance Valedictorian (2013)

First Ranked Student (2014)

Final GPA: 3.91