

# Shitian Ni

numpy, tensorflow contributor  
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## EXPERIENCE

### Speaker

TensorFlow UserGroup Tokyo

02/2018

[Achievements/Tasks](#)

- Deep reinforcement learning paper introduction

### TA, staff, speaker

NVIDIA, GPU Technology Conference

12/2017

[Achievements/Tasks](#)

- Deep Learning Institute TA - Tensorflow CNN, keras RNN, GAN
- Demonstrate Nvidia GPU Cloud and neural style transfer
- present AI solutions for PTSD treatments

### SupercomputingContest2017 Tutor

Tokyo Institute of Technology

08/2017

[Achievements/Tasks](#)

- Teach high school students parallel computing

### C & FPGA programmer

ITDLab Corp

09/2016 – 12/2016

[Achievements/Tasks](#)

- Build stereo camera image processing pipelines

### StuDev 2016 Intern

DeNA Co Ltd

[Achievements/Tasks](#)

- mobile app development for DeNA infrastructures

### Volunteer

Tokyo Marathon Foundation

02/2018

[Achievements/Tasks](#)

- multilingual support

## EDUCATION

### Computer Science

Tokyo Institute of Technology

04/2013 – Present

### Deep Learning Study Jam

Google

03/2016 – 04/2016

### Deep Learning Specialization

[deeplearning.ai](https://deeplearning.ai) / [Nvidia DLI](https://www.nvidia.com/en-us/deeplearning/) / [Coursera](https://www.coursera.org)

09/2017

## SKILLS

C/C++

CUDA

Python

Javascript

Swift

PHP

Java

SQL

HTML5

NodeJS

Unity

Tensorflow

Keras

Git

iOS

Linux

Docker

Reinforcement Learning

Deep Learning

NLP

data structures

algorithm design

teaching

## PERSONAL PROJECTS

DenDenMushi Raspberry Pi system (11/2016 – 02/2017)

- Human detection robot deployed in Tokyo One Piece Tower
- Individually-made embedding system running in Tokyo Tower.
- First large user base practical project for enterprises.

Titech Portal iOS App (07/2016)

- iOS app to upgrade Tokyo Tech website user experience
- ID card PhotoOCR and CoreData for file downloads
- 3000+ Downloads
- [http://stni.pw/titech\\_portal\\_app/support/](http://stni.pw/titech_portal_app/support/)

Google for everyone (12/2015)

- Provide Google Search for mainland China users, no need of VPNs
- hundreds of traffic on a daily basis

Fireworks 2.0 - Google Chrome Experiments (09/2014)

- Fireworks created using javascript.

## ACHIEVEMENTS

ACM-ICPC 2016 17th place in Asia Regional Tsukuba site (10/2016 – Present)

[http://stni.pw/img/acm\\_icpc\\_2016.jpg](http://stni.pw/img/acm_icpc_2016.jpg)

Topcoder blue, 10 WINS

<https://www.topcoder.com/members/stni/>

Goldman Sachs CodeSprint 377 out of 10117

[https://www.hackerrank.com/results/gs-codesprint/shitian\\_ni](https://www.hackerrank.com/results/gs-codesprint/shitian_ni)

## LANGUAGES

English

*Native or Bilingual Proficiency*

Japanese

*Native or Bilingual Proficiency*

Chinese

*Native or Bilingual Proficiency*

## INTERESTS

AI

Software

Robotics

Data Science