

# Shitian Ni

I am seeking for an opportunity to work on machine learning services or cloud infrastructures.



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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

## EDUCATION

### Computer Science

Tokyo Institute of Technology [🔗](#)

04/2013 – Present

### Deep Learning Study Jam

Google [🔗](#)

03/2016 – 04/2016

### Deep Learning Specialization

deeplearning.ai / Nvidia DLI/ Coursera [🔗](#)

09/2017

## SKILLS

C/C++

Python

SQL

Keras

Docker

Linux

## PERSONAL PROJECTS

GPT CUDA implementation (01/2018) [🔗](#)

- CUDA implementation of image matching GPT algorithm.
- 10 times faster than CPU version

Linear Discriminant tree in python (11/2017) [🔗](#)

- Python implementation of Linear Discriminant Tree based on sklearn LDA
- > 5% better accuracy than sklearn.LDA and sklearn.DecisionTreeClassifier

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/)

## ACHIEVEMENTS

Kaggle Silver medal (02/2018 – Present) [🔗](#)

*Recruit Restaurant Visitor Forecasting competition 73rd of 2216, top 4%*

ACM-ICPC 2016 17th place in Asia Regional Tsukuba site [🔗](#)

Topcoder blue, 10 WINS [🔗](#)

## LANGUAGES

English

*Native or Bilingual Proficiency*

Japanese

*Native or Bilingual Proficiency*

Chinese

*Native or Bilingual Proficiency*

## INTERESTS

Violin

Finance

Ski

Tutoring