

Shitian Ni

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Summary

I want to use my software design, analysis and programming skills to create innovative applications, especially interested in **Product and Systems Development**.

Experience

FPGA & C Programmer, ITDLab

Tokyo — 2016

<http://itdlab.com/> C programming and FPGA using Verilog for stereo camera

Education

Tokyo Institute Of Technology

Plan to graduate at September, 2018

Currently enrolled in a 4-year BS program majoring Engineering.

[Google Deep Learning Study Jam Certificate](#)

Strong experience in

- **C/C++**, Python, Swift, Javascript, HTML5, Java
- OpenCV, Node.JS frameworks, **systems software**
- **Algorithms and data structures**
- **Native mobile app developments**
- **Unix/Linux environments**

Familiar with

- **SQL, TCP/IP, network programming**
- **Image processing, Machine learning and computer vision, Unity**
- **Design Patterns, SDLC**

Achievements

- [Topcoder](#) blue, **10 WINS**
- 9 official SRM editorials on [Topcoder blog](#) since SRM 710
- [Codeforces](#) max. **Expert**
- Numpy, Tensorflow contributor on Github
- iOS flagship realtime image processor [ML cam](#) video playlist on [Youtube](#), with 7 other apps on [App Store](#), thousands of downloads
- ACM-ICPC 2016 17th place in Asia Regional Tsukuba site. [Certificate](#)
- Various web apps and services on [Personal Website](#), [Chrome Store](#). [Chrome Experiments](#) (appearance only, project file lost)
- Raspberry pi [infrared human detection project](#) deployed in [Tokyo One Piece Tower](#) welcoming hundreds of customers everyday.