

# Iris Nguyen

Northcote, Auckland

Mobile: +64 27 6104 804

Email: [ngttmi@gmail.com](mailto:ngttmi@gmail.com)

Linkedin: [www.linkedin.com/in/ngttmi](http://www.linkedin.com/in/ngttmi)

## Personal Statement

- Three years full-time experience as Software Developer (Java, C, and C++)
- Experience in working with deep learning framework (Caffe, Tensorflow)
- Experience in working with Open CV, Matlab
- Experience in working with multiple development frameworks (Spring, Hibernate)
- Experience in working with Oracle
- Experience in working with Retail Solution
- Experience with Git
- Working in the multi-cultural environment (US, Korea, Vietnam)
- Fond of keeping up to date the latest technologies coming on the market
- Looking for an efficient team and professional environment

## Work Experience

**Software Developer** - Automation Lab, Korea (Mar.2016 – Feb.2018)

I was part of a team that involves in researching and building autonomous car for Korean Government. My work focused on developing new detection methods using two different types of camera focal length.

Responsibilities:

- Developing Stixel World information for images from Disparity images.
- Developing a refined and elegant Object Region Detection method based on the Stixel information and Deep Learning (Caffe framework, OpenCV).
- Building the ground truth for Object Region testing and qualifying steps.
- Developing the validated program and self-testing it.

**Quality Assurance / Software Tester** - Automation Lab, Korea (Mar.2016 – Mar.2017)

This project belongs to the Hyundai Motor company. It aims to develop car detection methods for detecting surrounding objects such as other cars, pedestrians, lanes, traffic lights and traffic signs as part of the Hyundai autonomous car project.

Responsibilities:

- Working with business owner to understand the business requirements.
- Developing test plan, test cases and test execution.
- Test report generation.
- Understanding and working with team members to choose the methods for problem solving (OpenCV, Deep Learning, Computer Vision).

**Software Developer** - BTM Global Consulting, Vietnam (Aug.2015 - Nov.2015)

Worked on the World Kitchen project. This project focuses on developing a retail and payment solution using Xstore framework - a world-class retail solution developed by Oracle.

Responsibilities:

- Having a deep understanding of the mechanism of the customer service process.
- Gathering and analyzing customer requirements.
- Working with the team to simulate a diagram of the system.
- Developing the customer service task and self-testing.

**Software Developer** - BTM Global Consulting, Vietnam (Nov.2015 - Feb.2016)

The Red Wing Shoes project. This project focuses on leveraging the Oracle Retail Xstore Point-of-Service software to gain a unified view of its inventory, customer information, and improve the productivity. This project helped to reduce the consumer transaction time in half.

Responsibilities:

- Analyzing the previous system with team members to propose the optimization for the system.
- Developing the new method for inventory.
- Converting customer information from the previous system to the new system and self-testing.

## School Projects

**Project Leader / Developer** – Nong Lam University (Mar.2015 – Sep.2015)

A website project for sharing studying materials was started under the studying demand of students in the university. The website supports users to download, upload documents and register to get notifications for their interest documents. Documents posted will be verified and divided into proper directories by SVM classification.

Responsibilities:

- Planning and prioritizing tasks for the team members.
- Understanding the SVM algorithm and document classification process.
- Developing the document classification algorithm.

**Project Leader / Developer** – Nong Lam University (Feb.2014 – Jun.2014)

Developed a Healthcare application running on Android smartphones. This application provides health care services for patients; checks blood pressure and cardiovascular; providing health diagnostic reports.

Responsibilities:

- Together with the team developing the method of identifying the health problems.
- Scheduling, deriving tasks for the team members.
- Developing the user interface for the system.

**Project Leader / Developer** – Nong Lam University (Sep.2013 – Jan.2014)

Developing a traveling website. This site offers user services on tour; primarily people can seek tours suitable to them based on the types of rooms, places, etc. I have managed my team to finish this project with high deadline pressure.

Responsibilities:

- Understanding, clarifying the requirements and scheduling tasks for team members.
- Developing the booking and tour information algorithm.

## Relevant Skills

**Technical Skills:**

- Programming languages: C, C++, Matlab, Java
- DBMS: SQL Server, PostgreSQL, MySQL
- Other skills: OpenCV, Image processing, Deep Learning, Machine Learning, Data Mining, Data Warehouse

**Soft Skills:**

- Teamwork, self-management, positive attitude, quickly adapting to the new environment and technology.

## Education

## Research

## Referees

Available on request