

# Yu-Min(Claire) Lee

Sunnyvale, CA

yuminlee2@gmail.com | 650-695-0818

<https://github.com/ClaireLee22> | <https://www.linkedin.com/in/yuminleeai/>

In packaging industry, I learned how to design a sample-making process efficiently. I developed my problem-solving skills and ability to perform multitasks under deadline pressure. I believe those skills will be truly beneficial to my new journey.

## Skills

Proficient: Python, Tensorflow, Keras, PyTorch

Moderate: Java, C++, C, Go

## Projects

**Dog Breed Classifier** <https://github.com/ClaireLee22/Dog-Breed-Classifier>

- Built a convolutional neural network to classify dog breeds.
- Overlaid filters with dog's ears, nose and tongue on detected human face.
- Turned the algorithm into a web app using Flask.

**Generate Face** <https://github.com/ClaireLee22/Generate-Face>

- Create a generative adversarial networks(GANs) to generate new images of faces.
- Executed the optimization for generator twice to prevent the discriminator loss from being too low.

**Teach a Quadcopter How to Fly** <https://github.com/ClaireLee22/Teach-a-Quadcopter-How-to-Fly>

- Used Deep Deterministic Policy Gradients (DDPG) method to build the agent to achieve takeoff task by self-learning.
- Shaped the reward function to motivate or penalize the agent to learn.

## Work Experience

**Material/Product Engineer**

Jan. 2015 – Mar. 2018

Cymmetrik Enterprise Co., Ltd, San Jose, CA

- Prototyped packaging samples for Nest, Google, Cisco, Microsoft etc. in 24 hours.
- Improved local material suppliers' relationships and managed local material warehouse.
- Worked with cross-functional groups for product development.

**Research and Development Engineer**

Feb. 2011 – Aug. 2012

AUO, Hsinchu, Taiwan

- Explored and verified potential new products or technologies.
- Implemented different process conditions in the new product development.

## Education

Master of Engineering Management, The University of Texas at Arlington

Jun. 2013 - Dec. 2014

Certification of Computer Programming, UCSC Silicon Valley Extension

Mar. 2018 - Dec. 2018

AI Programming with Python Nanodegree, Udacity

Apr. 2018 - Jul. 2018

Deep Learning Nanodegree, Udacity

Sep. 2018 - Jan. 2019