Dear Hiring Team,

My interests in computing and programming have developed throughout the years. This has motivated me studying into it on a more advanced level. Working on Computer Vision, Image Processing, Speech Recognition, and Data Mining projects enhance my knowledge on computing. Currently, I am looking for a full-time position of of Software Engineer, Automated Driving.

As I have graduated from Penn State University in the past Dec, 2017, I am very excited and ready for starting a new career. In order to keep refreshing new skills, I have enrolled in the Udacity Self-Driving Car Engineer Nanodegree. To be honest, the topics covered in the program, including TensorFlow, Computer Vision Fundamentals, Convolutional Neural Networks, and etc, are the most fascinating things I have learned in the past months. For accomplished training programs , I have earned certificates on Coursera about Robotics and Deep Learning. Overall, I am a self-motivated learner that can adapt new technologies and environment quickly.

Talking about experience in the automated driving field, I have been part of the Penn State Unmanned Aerial Systems, which is interdisciplinary student-focused group that aims to build, study, and design the next generation of unmanned aerial systems. My responsibilities in the team are: working with scanning laser rangefinder to detect and locate obstacles as well as other drones; designing and training computer vision algorithms to accomplish efficient moving object detection.

The information I have provided above is for proving that I could be a good fit for the position. I would appreciate it a lot, if it is appropriate to arrange an interview, so we can talk more about this job and my career goal. Thank you for your consideration.

Sincerely,
Xianling(Lily) Zhang