



昆山杜克大学
DUKE KUNSHAN
UNIVERSITY™

Certificate of Appreciation

is hereby presented to

衷心感谢

Smart Headlights

We aim to build a smart headlight system by realizing pedestrian and head detection, real time object tracking, and light interaction with pedestrians for night driving based on the monocular vision and an LED headlight system. For instance, once a pedestrian is automatically detected at night, our smart headlight system will project the LED headlight onto the pedestrian to highlight him/her. The project has investigated large-scale night driving data on real road scenes using deep learning technology. It will make a big breakthrough in the performance of pedestrian detection at night for autonomous driving systems.

Duke Kunshan University

昆山杜克大学

Module 1
(supplier)



Algorithm



Software



Hardware

