

CHEN GANG

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PROJECTS

Pedestrian and vehicle project

Nov 2016 - Present

- Modified and trained PVANET, a deep neural network, to detect pedestrian, pedestrian body parts, vehicles and cyclist 29 frames per second using caffe.
- Improved pedestrian's head 21% recall when false positive per image = 0.1.

NIST Tatt-E challenge

Oct 2016 - Present

- Used PVANET, ResNet-152 deep neural networks to classify, detect and identify tattoo images, and submitted dynamic link library.
- Used tattoo detection to remove background, improve 2% accuracy tattoo identification.

Campus Sharing Book APP

March 2015 - May 2015

- An Android APP to post and gain information of books, and to chat with other users, which is implemented in Java and PHP.
- Crawled users' information from website of school.

HONORS

- The 5th Blue Bridge Cup National Software Contest Finals, First Prize 2014
- The 38th ACM-ICPC Asia Regionals, 2 Bronze Medals 2013
- The 5th - 7th ACM-ICPC Henan Provincial Programming Contest, 3 Gold Medals 2012-2014
- National Encouragement Scholarship 2013

EXPERIENCE

Baidu Map

March 2015 - May 2015

RD Intern

Beijing

- Optimized 2.5 million navigation coordinates of points of interest (POI) of 80 million POI in Baidu Map, about 3%.
- Generated users driving and navigation paths according navigation GPS log files, which used to compute and analyze yaw points.

TECHNICAL STRENGTHS

Computer Languages

C/C++, Python, Lua, Java, Shell, PHP, L^AT_EX, JavaScript

Tools

Caffe, Torch, Git, Vim

English

CET-4, CET-6

EDUCATION

University of Chinese Academy of Sciences

September 2015 - July 2018

M.S. in Computer Applications Technology

Zhengzhou University

September 2011 - July 2015

B.S. in Computer Science and Technology