

Dai Zuozhuo

Room 602B, University Apartments Tower B, HKUST, Hong Kong
(852) 5443-1507 ⊖ daizuozhuo@gmail.com
Personal Website: <http://daizuozhuo.github.io>

- EDUCATION**
- Hong Kong University of Science and Technology** 09/2014 ~ 08/2016(expect)
MPhil in *Computer Science and Engineering*
Advisor: Prof. Quan,Long (852) 2358-7018 ⊖ quan@cse.ust.hk
- Hong Kong University of Science and Technology** 09/2010 ~ 07/2014
BEng in *Computer Science* CGA 3.51 (**First Class Honor, top 10%**)
- University of California, Davis** Spring 2013
Exchange in *Engineering of Computer Science*
- SKILLS**
- Interests:* Distributed systems, Computer Vision
Programming Lang: Go, Python, C++, Javascript
Github: <https://github.com/daizuozhuo>
- AWARD**
- Professor Samuel Chanson Best Final Year Project Awards HKUST 2014
Merit Award of Final Year Project Competition
IEEE(Hong Kong) Computational Intelligence Chapter 2014
School of Engineering Dean's list 2012 & 2013
School of Engineering & Computer Science Department Scholarship 2010 ~ 2011
The Commercial Radio 50th Anniversary Scholarships 2010 ~ 2011
- EXPERIENCE**
- MPhil topic: *Distributed Computing Systems* **Admiral** Fall 2014 ~ Present
- Specific for computer vision tasks implemented with Go.
 - Front end cluster and job monitoring, RESTful API, support MapReduce paradigm
 - GPU and CPU resources allocation, multi-agent, membership protocol, leader election
- Google Summer of Code **kubernetes** Summer 2015
Design and implement a new template language for GoogleCloudPlatform/Kubernetes
- Dept of Computer Science & Engineering, HKUST
Teaching Assistant of Object-Oriented Programming, Computer Organization, Linux Administration Fall 2014 ~ Present
Research Assistant of massive 3D city map reconstruction Summer 2014
- Final Year Project (Best Final Year Project Award) 2014
Topic: *E-Fashion Consultant: A Real-time Fashion Recommendation System*
- A practical online recommendation system focuses on the collocation of apparels.
 - Analyze fashion recommendation on segments based on parsing instead of patches.
 - Built with HTML5, jQuery, python, and OpenCV.
- Douban Beijing Software Development Engineer Intern Summer 2013
- Optimized the loading time of site <http://read.douban.com> from 1000ms to 200ms.
 - Core programmer of the site <http://thing.douban.com>
- Undergraduate Research Opportunity Program, HKUST 2011 ~ 2012
Topic: *Information Visualization for Financial Article news*
- Analyse a big amount of articles and news, then visualize it as "Word Clouds".
 - A web based information visual analysis geology filter on Google Map.