

HUANG DA

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Education

Bachelor of Computer Engineering, National University of Singapore, 2011 - 2015, CAP: 4.36 / 5.0

Skills Summary

- Large scale distributed system with **AWS** and **Redis** in **Golang**
 - Algorithm and datastructure analysis, design and optimization
 - Windows desktop application with **Winforms** and **WPF**, Office Add-In with **C#** and **VBA**
 - Web application development using **LAMP Stack** and **MEAN Stack**
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Experience

Full Time

Software Engineer

Grab

Aug 2015 - Now

- Lead engineer, designed and implemented phone number masking feature with **AWS** and **Redis** in **Golang** that works for all booking scenario;
- Lead engineer, designed and implemented an in-app chatting service with **AWS**, **Redis** and **MySQL** in **Golang** that is currently serving 6 countries in Southeast Asia.

Internship and Part Time

Software Developer

PowerPointLabs

May 2014 - May 2015

- Developed a powerpoint add-in that helps to increase PowerPoint's productivity in **C#**, prototyped and implemented shape's usability enhancements, subtle effects enhancements, non-linear roadmap creation.

Teaching Assistant

National University of Singapore

Jan 2013 - Apr 2015

- Assisted on teaching **advance datastructure and algorithm, competitive programming** and **software engineering**;
- Consistently obtained high teaching feedback rating, usually **top 3** in the same batch of teaching staff.

Software Developer

Agency of Science, Technology and Research

May 2013 - Aug 2013

- Developed a Dynamic Linked Library under .NET Framework to control Distributed Energy Resources via provided interfaces.
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Achievement

Project

- 4th Grab Hackathon, *Most Hyperlocal Project* and *Most Popular Project* Sep 2016
- 6th School of Computing's Term Project Showcase, *Most Popular Project* Apr 2015
- Embedded Systems Design Project, *Best Project Award* Dec 2013

Teaching

- Nomination for Best Teaching Awards (as TA of *CS2010: Datastructure & Algorithm II*) Jan 2014

Others

- StackOverflow **2.5k** reputation, top tag: **C#**, **Winforms**, **Algorithm**, **Go** Feb 2017