

HUANG DA

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Education

Bachelor of Computer Engineering, National University of Singapore, 2011 - 2015, Second Class (Upper)

Skills Summary

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

Full Time

Software Engineer Grab (formerly GrabTaxi) Aug 2015 - Now

- Designed and implemented **number masking** feature;
- Designed and implemented a service (confidential by now) that reaches **100k QPS**.

Internship and Part Time

Software Developer PowerPointLabs May 2014 - May 2015

- Developed a powerpoint add-in that helps to increase PowerPoint's productivity. Mainly in charge of **Shape's usability enhancements**, **subtle effects enhancements** and **non-linear agenda 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

Competition

- 19th place in 2012 ACM/ICPC Jakarta Regional Oct 2012

Project

- 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 **2.3k** reputation, top tag: **C#**, **Winforms**, **Algorithm**, **Go** Apr 2016