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**
- Alogirthm and datastructure analysis, design and optimization

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Experience

Full Time

Software Engineer   Grab (formerly GrabTaxi)   Aug 2015 - Now

- Designed and implemented phone number masking feature with **AWS** and **Redis** in **Golang** which helps protect drivers' and passengers' privacy;
- Designed and implemented a messaging service with **AWS** and **Redis** in **Golang** that handles **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 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.

Achievement

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