

# HUANG DA

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## Education

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

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## 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

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| <b>Software Engineer</b>   | Grab (formerly GrabTaxi) | Aug 2015 - Now |
| <ul style="list-style-type: none"><li>• Designed and implemented phone number masking feature with <b>AWS</b> and <b>Redis</b> in <b>Golang</b> which helps protect drivers' and passengers' privacy;</li><li>• Designed and implemented an in-app chatting service with <b>AWS</b>, <b>Redis</b> and <b>MySQL</b> in <b>Golang</b> that is currently serving 6 countries in Southeast Asia.</li></ul> |                          |                |

### Internship and Part Time

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| <b>Software Developer</b>  | PowerPointLabs                             | May 2014 - May 2015 |
| <ul style="list-style-type: none"><li>• Developed a powerpoint add-in that helps to increase PowerPoint's productivity in <b>C#</b>, prototyped and implemented shape's usability enhancements, subtle effects enhancements, non-linear roadmap creation.</li></ul>                                  |  |                     |
| <b>Teaching Assistant</b>  | National University of Singapore           | Jan 2013 - Apr 2015 |
| <ul style="list-style-type: none"><li>• Assisted on teaching <b>advance datastructure and algorithm, competitive programming</b> and <b>software engineering</b>;</li><li>• Consistently obtained high teaching feedback rating, usually <b>top 3</b> in the same batch of teaching staff.</li></ul> |  |                     |
| <b>Software Developer</b>  | Agency of Science, Technology and Research | May 2013 - Aug 2013 |
| <ul style="list-style-type: none"><li>• Developed a Dynamic Linked Library under .NET Framework to control Distributed Energy Resources via provided interfaces.</li></ul>   |  |                     |

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## Achievement

### Project

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| • 4 <sup>th</sup> Grab Hackathon, <i>Most Hyperlocal Project</i> and <i>Most Popular Project</i> | Sep 2016 |
| • 6 <sup>th</sup> School of Computing's Term Project Showcase, <i>Most Popular Project</i>       | Apr 2015 |
| • Embedded Systems Design Project, <i>Best Project Award</i>                                     | Dec 2013 |

### Teaching

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|---|----------|
| • Nomination for Best Teaching Awards (as TA of <i>CS2010: Datastructure &amp; Algorithm II</i> ) | Jan 2014 |
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### Others

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|---|----------|
| • StackOverflow <b>2.4k</b> reputation, top tag: <b>C#</b> , <b>Winforms</b> , <b>Algorithm</b> , <b>Go</b> | Aug 2016 |
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