# Joel Khoo

joelkhoo@gmail.com **+65 91256308** `
Portfolio: joelkhoo.github.io

*"I combine experience in enterprise organisations and agile moving startups.
Rapid prototyping, process optimisation and applied data analysis"*

## WORK EXPERIENCE

**Learnly Pte Ltd**
**Co-founder & Full Stack Developer**                                    Aug 2015 - Present
- Built code-functional MVP and **raised USD220,000** funding from investors & angels
- Coded full fledged **AngularJS**/Ionic mobile applications for both iOS and Android
- Built a **Machine Learning** chatbot, integrated with **RESTful AWS & NodeJS** backend
- Managed **Git** and **continuous agile fortnightly deployment**, in a team of 3 developers
- Created marketing viral videos reaching 200,000 views in 1 week with USD300 budget

**OCBC Bank**
**Business Analyst, Technology Solutions (Consumer)**                     Jul 2014 - Aug 2015
- Batch of 2014 OCBC Young Bankers Graduate Programme
- **Solution architect** new business process for wealth unit, with 25% reduction in unit costs and headcount
- Assistant Project Manager for enterprise-level OCR module
- Prototyped a chatbot targetted at Gen Y consumers

**Visa Inc**
**Summer Intern, Emerging Products & Innovation**                        May - Aug 2013
- Prototyped a mobile wallet payments solution, awarded SGD1500 and reviewed for patenting
- Wrote branding visual policies and risk mitigation framework for **mobile payments** solutions
- Built dashboard & competitive analysis of EMEA mobile payments market and products

**Singapore Management University**
**Research Assistant**                                                    Mar 2012 - Jan 2013
- Supported **statistical research** project studying the economic fallout of Thailand's 2011 monsoon floods
- Developed **Java & SQL** data spidering program to aggregate 10 years of data on 20,000 individual firms
- Data cleaning & preparation for **econometric analysis** of Thailand's industrial performance

**Singapore Armed Forces**
**Publicity Secretariat (National Day Parade 2009)**                     Sep 2008 - Sep 2009
- Official photographer, coordinated principal photography for over 30 NGOs and government agencies
- Authored and produced the audiences' souvenir booklet and participants' commemorative magazine, of which over 150,000 copies were printed for distribution
- Media liaison between Ministry of Defence & public media on factual knowledge about event

## EDUCATION

**Singapore Management University**                                       Aug 2010 - May 2014
- Cum Laude in BSc Economics with major in Information Systems
- Distinctions in **Object Oriented Development, (SQL) Data Management, Process Modelling, Accounting Information Systems, Computing Analysis Tool, Information Security, Labour Economics**
- Relevant courses in statistics/applied data research: **Statistical Theory, Applied Econometrics**

## ACHIEVEMENTS

- Finalist in 2017 Hack for Good of Singapore Youth Corps
- Learnly app ranked top downloaded 10 app on Singapore App Store for Education in 2016
- Visa Inc Internship 2013 Case Competition Winner
- TATA Crucible 2010 (Singapore Leg) Finalist
- IDA National Info-comm Competition InnovateIT 2007 1st Place

## SKILLS AND INTERESTS

- **Languages**: English (native) and Mandarin (proficient)
- **Applied Software**: Matlab, EViews, Final Cut Pro, Photoshop
- **Development Experience**: Java, PHP, Javascript (AngularJS, Node), Ionic/Cordova, Python
- **Interests**: Backpacking, Trekking, Film Directing