

Work Experience

Gimmie.io: Full Stack Developer

Nov 2013 - Present

- Manage a team of 3 developers to build an MVP, using Rails, Golang on Heroku
- Agile development churning out continuous delivery using CI services
- Migrate MVP away from Heroku and added rabbitmq on top of Postgresql, MongoDB using AWS EC2 and RDS
- Design and built concurrent workers utilizing golang's concurrency, resulting in easily scalable architecture
- Set up and maintain Docker images which leads to faster deploy to staging and production environments
- Test-driven-development in Rails(rspec) and Golang(gomega)
- Added Shopify integration to MVP, resulting in more beta installs from listing in Shopify App Listings
- Built an analytics pipeline to analyze incoming page visits data
- Built a WYSIWYG editor for clients to edit engagement contents
- Built a NodeJS app that starts PhantomJS and outputs the screenshot of a url
- Maintain and support Android library on Unity 3 and 4, powering the gamification of client apps
- Built a Magento plugin for easier integration, and wider exposure of Gimmie Loyalty.

St'aime: Shop Loyalty Mobile Application

May 2013 -Present

- Developed a rewards system with integrated social media marketing for retail shops in Cambodia
- Attracted 3 businesses in Phnom Penh with a combined revenue of US\$30k for collaboration

DHL Supply Chains (HP Country Service Store)

May 2012 – Aug 2012

- Analyzed the processes of warehouse admin, inbound, outbound and returns departments
- Recommended actionable strategies to redesign processes in response to increased demand volatility

Teaching Assistant, School of Computing, NUS

Aug 2011 - Present

- Taught programming methodology to 150 students in 6 classes, receiving an average score of 4.6/5
- Volunteered time for small group consultation sessions to help weaker students catch up

Projects

Various Android applications (See more detailed list at <http://www.keang.be>)

- [GrabABouquet](#) A rails Spreecommerce app that sold flowers during Valentine's day.
- [Follodota](#): An android app to aggregate professional DotA matches replays.
- [Bounce Ball](#) casual game: a cross-platform game that generate an average of 30 replays each session
- [English Repeat](#): an English learning application which achieved high engagement and ratings from the target audience: my parents.

Give and Take (NUS Freecycling project)

May 2013 –Aug 2013

- Proposed and executed collections of old items, and the giveaway sessions at the start of the new sem
- Donated more than 100kg of non-reusable materials; gave away many more items for reuse

Skills

- Agile Development, Scrum stories management
- Golang, Ruby on Rails, Python Flask, Django, NodeJS,
- Relational databases, MySQL, SQLite, Postgresql; NoSQL: MongoDB
- RabbitMQ, Redis, Memcache
- C#, JAVA, Android Development
- AWS Services: EC2, RDS, Route53
- Docker
- DNS Routing, Apache Server, NginX
- Operations Research, Design Thinking, Data Analytics, Simulation
- Fluency in English (written and spoken), Khmer(written and spoken), Mandarin(spoken)

Education

National University of Singapore

BEng (Industrial and System Engineering)

Aug 2010 - May 2014

With Design Centric Program

- Holder of NUS ASEAN Undergraduate Scholarship *2010 - Present*
- NUS Dean's List Certificate (top 5% of the cohort) *2010/2011 SemI&II*

Co-curricular Activities

ASEANpreneurs(NUS Entrepreneurship Society)

Jan 2012 – Present

International Relations Director

- Planned and executed the selection process for 70 country delegates from over 300 applicants all over ASEAN, for the one-week entrepreneurship conference AYLE in February 2012
- Oversaw the execution and judging of ASEANpreneurs Ideas Canvas, a social entrepreneurship challenge preceding AYLE, which had over 250 different applicants.

Chairperson of Sheares Ge Yao *a Chinese pop/rock music group*

Aug 2011 - Present

- Managed and scheduled the rehearsals and performances of 30 talented performers
- Initiated song dedication in Sheares Hall (501 residents), raised funds for refreshments in practices

Trivia

- Loves badminton
- Plays soccer and ultimate Frisbee
- Plays Dota2
- Plays bass