Kenneth Lu

+65 9666 7832 • kenneth_lu@gmail.com • github.com/luyangkenneth

EXPERIENCE

Facebook, *Software Engineering Intern, Menlo Park, CA, May 2018 – Aug 2018*
- Interning with the Information Tools team

TradeGecko, *Software Engineering Intern, Singapore, May 2017 – Aug 2017*
- TradeGecko develops inventory and order management software for wholesalers and e-commerce retailers
- Built a feature search tool for a growth experiment aimed at increasing trial signups (jQuery, Fuse.js, Segment.io)
- Developed new frontend features that enable merchants to customize their B2B storefront branding and manage requests for B2B store access from new buyers (Ember.js)
- Mentored a fellow intern on Ruby on Rails, Git, and software engineering best practices

Honestbee, *Software Engineering Intern, Singapore, Mar 2017 – Apr 2017*
- Honestbee operates on-demand food and grocery delivery services in major Asian cities
- Refactored and extended the API of a newly extracted service on the Rails backend and cleaned up flaky tests
- Set up automated tools to track test coverage and improve documentation

Tinkerbox Studios, *Software Engineering Intern, Singapore, Dec 2016 – Feb 2017*
- Tinkerbox is an agency specializing in full stack web development with Ruby on Rails
- Paired with an engineer to deliver two client projects: performance review portal + customizable CSV parser

National University of Singapore, *Undergraduate Teaching Assistant, Singapore, Various Semesters*
- CS2030 (Fall 2017): Tutored 30 students on object-oriented and functional programming in Java
- CP2106 (Summer 2017): Mentored 10 freshmen on building web and mobile applications

EDUCATION

National University of Singapore
Bachelor of Computing (Honors) in Computer Science, Graduating in May 2019

SKILLS

Languages
Java • Ruby • JavaScript • HTML • CSS / SCSS • Python • C • SQL • Markdown

Libraries, Frameworks, and Tools
Rails • Ember.js • jQuery • Bootstrap • PostgreSQL • MongoDB • Git • GitHub • Bash • Heroku • CI / CD

PROJECTS

QuickShift Redux | Chrome extension for easily rearranging tabs with keyboard shortcuts
Asteroids | Remake of the classic arcade space shooter built with Raphael.js
Linux Shell | Toy Java program that supports IO redirection, piping, globing, quoting, and command substitution
Conference Data Visualization | Rails and MongoDB API for visualizing data from the Open Research Corpus
Quickflix | Web crawler for movie critic reviews built with Requests, BeautifulSoup, and MongoDB
FunDUE | Desktop to-do list manager built with JavaFX and tested with JUnit
Tic-Tac-Toe | Online multiplayer game built with Socket.io

MISC

Leadership
- Served as the Music Director of **NUS Resonance**: Coached fellow singers, led newcomers' a cappella course, organized annual concert, won Champion & Best Bass Award at the Gwangju Asia College A Cappella Competition
- Served in the Tancho House Committee at **Tembusu Residential College**: Oriented new residents into the college and organized intellectual and recreational activities for the 130 members of Tancho House
- Attained the rank of Third Sergeant in the **Singapore Armed Forces**: Completed two years of mandatory national service and received the NSF of the Year Award, the most prestigious award given to full-time national servicemen

Work Authorization
- Singaporean Citizen; Eligible for the H-1B1-Singapore visa, which has a separate quota from the limited H-1B pool