

YuanYuchuan

Computer Science+USP

contact

28 Bukit Batok St. 52
#21-01
Singapore 659248

+65 8163 2478

yuchuan@u.nus.edu
github.com/yyc

languages

English and Mandarin

programming

JavaScript
Java, Ruby, PHP,
Python, Swift
CSS & HTML

education

- 2015-2018 **Bachelor** of Computing National University of Singapore
Computer Science + University Scholars Programme
- 2007-2012 **A-Levels** Hwa Chong Institution
H2 Physics, H2 Computing, H2 Mathematics, H2 Economics

projects

- 2016 **Focust**
Android and Node.JS
A social focus-training Android app based on the pomodoro method.
The app can be found on the Google Play Store
The online backend source code can be found on Github
- 2016 **Lions Befrienders Association of Singapore** Computing for Voluntary Welfare Organizations
Ruby on Rails
Developed a new web application that supports the *Lions Befrienders Association of Singapore* in their daily operations.
Can be found on Bitbucket (Requires authorization, please email me.)
- 2015 **Freshman Sorter** University Scholars Club
Node.js
A program that sorts incoming freshmen into one of six houses, with the aim of ensuring that a given (arbitrary) list of characteristics (such as gender, major, etc.) are kept in balance between houses.
Can be found on Github.
- 2015 **Cellophane** Tinkertanker
Node.js, Browser Javascript
Translucent caching wrapper for the Simperium API, developed to support GuestDay's operations in areas with unreliable network connection, where different devices are unable to sync correctly with each other using Simperium's default conflict-resolution mechanism.
A public version can be found on Github.
- 2015 **Online Tuition Service Backend** Dingle-X
PHP(Laravel)
Online backend service that handles tutor-student matching and record keeping.
- 2010 **Cognito**
PHP, Javascript, HTML
Unfinished online collaborative E-Learning platform meant to replace the existing E-Learning solutions used by our high school.

experience

University

- | | | |
|-----------|---|----------------------------------|
| 2016 | Computing for Voluntary Welfare Organizations <i>Team Member</i> Part of a team developing a new web application that supports the <i>Lions Befrienders Association of Singapore</i> in manpower management, business analytics, and in their daily operations. | National University of Singapore |
| 2015-2016 | University Scholars Club <i>Vice-Director, Freshmen Orientation Projects</i> Responsible for all administrative matters pertaining to the Freshmen Orientation Projects, and assists the Director in the overall planning and execution of the various constituent projects. | National University of Singapore |
| 2016 | School of Computing <i>Avenger, CS1101S</i> Served as the Avenger(teaching assistant) for a discussion group consisting of 9 freshmen computing students. Responsible for grading assignments, giving feedback, marking papers, and leading the discussion group. | National University of Singapore |
| 2015-Now | Tinkertanker <i>Software Developer / Instructor</i> Developed applications and taught secondary school classes in programming and electronics | |

Pre-University

- | | | |
|-----------|---|----------------------------------|
| 2010-2011 | School of Computing <i>Researcher, MOE-NUS Science Research Program</i> <i>Sentiment Classification of SMS Messages using Machine Learning Techniques</i> This research paper introduces the use of Support Vector Machines, a form of machine learning, in analyzing SMS Messages in any arbitrary language. | National University of Singapore |
|-----------|---|----------------------------------|

interests

professional: Software Engineering, Data Analytics, Education

academic: Moral Philosophy, Politics, Epistemology

personal: Scuba Diving, Climate Change