

Yuan Yuchuan

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github.com/yyc

languages

English and Mandarin

programming

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

education

Aug 2015 - May 2019 **Bachelor** of Computing National University of Singapore
Senior, Computer Science (Software Engineering and Information Security specializations) + University Scholars Programme

2007–2012 **A-Levels** Hwa Chong Institution
H2 Physics, H2 Computing, H2 Mathematics, H2 Economics

internships

2018 **Affirm** San Francisco, CA
Software Engineering Intern
Intern on the Platform team, working on AWS with Salt to improve batch job infrastructure and support the Product engineering teams.

2018 **Facebook** Menlo Park, CA
Software Engineering Intern
Worked in Development Infrastructure, on the Information Tools Team. Intern Project focused on adding functionality to Ent Framework, an internal ORM.

2017 **Lions Befrienders Association of Singapore** Computing for Voluntary Welfare Organizations
Project Manager/Lead Developer of a 10-person development team
Deployed and improved a new Ruby on Rails application (Live site) for the Lions Befrienders volunteers and staff. Responsible for client communication, project specifications, team coordination, server management, and code review.

2015 **Tinkertanker**
Software Engineering Intern / Instructor
Developed Cellophane (Github), a translucent caching wrapper for the Simperium API.

experience

2016-2018 **School of Computing** National University of Singapore
Teaching Assistant, CS1101S and CS2020
Served as the TA for a Discussion Group of around 10 students for CS1101S(Introductory Functional Programming) and CS2020(Data Structures and Algorithms).

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

projects

2018 **Cinnabot** University Scholars Programme
NodeJS
Chatbot that provides various services to the USP community, such as bus timings, resource availability, and event signups/notifications.

2017 **Twelve Days of Christmas**
Swift
A 3D top-down iPad drone delivery game, developed using Swift on iOS.

2016 **Focust**
Android and Node.js
A social focus-training Android app based on the pomodoro method. Can be found on the Google Play Store and Github

2015 **Online Tuition Service Management** Dingle Tutors
PHP(Laravel)
Online manpower-management service that handles tutor-student matching and record keeping.