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WORK EXPERIENCE

COMPUTING FOR VOLUNTARY WELFARE ORGANIZATION (CVWO)

PROJECT LEADER - SINGAPORE, 2016

- Led a team of 7 developers to implement a Management System for [Lions Befrienders](#). Directed the planning, design and production of the system.
- Currently in progress.

COMPUTING FOR VOLUNTARY WELFARE ORGANIZATION (CVWO)

FULL-STACK DEVELOPER - SINGAPORE, 2015

- Built an IT system with Ruby on Rails to manage 7 Senior Activity Centres in Singapore.
- Implemented Records module which keeps track of incidents involving the clients. Proposed an abstraction method that saved ~300 lines of code.

NATIONAL UNIVERSITY OF SINGAPORE

TUTOR - SINGAPORE, 2016

- CS1010S: Programming Methodology
- Conducted tutorial/consultation sessions, graded student submissions.

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

2014 -

Bachelor of Computer Science

Latest GPA: 4.64 / 5.0

PROJECTS

COMPUTING FOR VOLUNTARY WELFARE ORGANIZATION (CVWO)

LIONS BEFRIENDERS SERVICE ASSOCIATION (LBSA)

- A web-based system to manage daily workflow of LBSA Befriending and SAC programmes. Serving ~7000 seniors and ~1500 volunteers. (Ruby on Rails)
- More about the project [here](#).

PERSONAL PROJECTS

KARDBOARD

- A web application that allows Facebook user to search, bulk-download and organize their tagged photos into shareable collections. (Express with Node.js)
- Contribution: Back-end developer. Implemented the logic/API for searching, collections and authentication.

COURIR

- A multiplayer endless runner game on iPad (Swift)
- Won **Best Project Award** at the NUS School of Computing Term Project Showcase (STePs)
- Contribution: Implemented the networking features, including a P2P networking library which supports host-guest connection/disconnection and data transfer.

LANGUAGES & TECHNOLOGIES

LANGUAGES

Ruby (5k LOC), Swift (2k LOC), JavaScript (2k LOC), Java (1k LOC), Python (1k LOC), SQL

FRAMEWORKS

Ruby on Rails, Node.js

AWARDS

Best Project Award, NUS School of Computing Term Project Showcase (STePs) 2016

Dean's List, Semester 2, AY 2015/2016

NUS ASEAN Scholarship, 2014 - 2018