Laurence Putra Franslay

Hacker

📍 Tembusu College; University Town, NUS; 26 College Avenue East, #21-156; Singapore 138597;

Primary weapons of choice for building web systems (high availability option available):

- **L**inux (CentOS/Fedora)
- **A**pache
- **M**ongoDB
- **P**HP (Codeigniter)

Work History

Newton Circus Pte Ltd (Link)
Engineer (Intern): May 2012 - Aug 2012
- Joined Newton Circus as an intern as a fellow in the StartupRootsSG fellowship
- Headed and completed the Ideasian project during internship stint
- Used Codeigniter, MongoDB (with HA) and Twitter Bootstrap
- Organised UP Singapore, with a focus on getting sponsors, venue, as well as publicity for the event targeted towards geeks
- Wrote API Docs for the data available for UP Singapore
- Wrote wrappers around some of the API, converting giant XML API from 3rd party sources into RESTful and lightweight JSON API

Chalkboard Pte Ltd (Link)
Engineer (Contracted Consultant): Aug 2011 - March 2012
Engineer (Intern): May 2011 - Aug 2011
- Joined Chalkboard as a fellow in the StartupRootsSG fellowship
- Created the Publishers' Platform on Python/Django
- Created the Chalkboard Webwidget using HTML5 supported by an in-house IPLocator backend
- Customized the webwidget for specific clients
- Customized the mobile web app for specific clients
- Set up the IPLocator backend, and scaled it using memcached

- Added additional API functions to allow other services to use it
- Moved the team from SVN to Git

National University of Singapore (Link)

Undergraduate Discussion Group Leader (CS1010): Aug 2011 - Nov 2011
- Imparted knowledge of C and programming methodologies to the students
- Core module for Computer Science majors

Undergraduate Discussion Group Leader (CS1101S): Aug 2010 - Nov 2010
- Taught Scheme, a dialect of Lisp to the students
- Involved in building the JFDI system used by the students, a learning tool designed to gamify education.
- Core module for Computer Science majors

Side Projects

GeekcampSG (Link)

Organiser: July 2011 - Present
- Created the website Geekcamp.SG
- Organised GeekcampSG, one of the largest Geek conferences in Singapore
- Primarily in charge of sponsorships and marketing
- Grew the community to 700 geeks in 2012, from 350, with 230 of them being students

Instasyncer (Link)

Founder: May 2012 - Present
- Helps users sync their Instagram photos to Dropbox instantly
- Stack used: PHP/Codeigniter and MongoDB
- High availability backend with automated daily database backups
- Wrote it primarily to solve a personal pain point

Education

National University of Singapore (Link)
- Bachelor of Computing in Computer Science: **Aug 2009 - Present**
  - Focus in Distributed Systems and Security
- NUSHackers (Link): **Aug 2010 - Present**
  - Coreteam member
  - Organised Hack Workshop Series, a series of workshops educate students about technologies
  - Organised Friday Hacks, a weekly meetup to for hackers to mingle
  - Organised Hack&Roll, a 24-hour hackathon, in NUS
  - Found sponsors for the events
- Computing for Voluntary Welfare Organisations (Link): **Aug 2009 - May 2011**
  - Held workshops teaching the new applicants about PHP, as well as the LAMP stack
  - Created and graded the PHP assignments

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Complete CV available at cv.geeksphere.net