Laurence Putra Franslay

Geek;Hacker;Entrepreneur;

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

A geek at heart, I love to play with new technologies to keep myself up to date with developments within the tech world. I specialise in getting things done, and making sure it doesn't break after. Comfortable working on most *nix operating systems too.

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

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

Experience with other technologies includes

- Languages:
  - Javascript (Raw, and with frameworks, such as JQuery and ExtJS)
  - HTML5/CSS3
  - Python (Django)
  - C/C++
  - C#/.NET Framework
- Database/Information Stores:
  - MySQL
  - PostgreSQL (PostGIS)
  - memcached

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
  - 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**
  - Undergraduate Discussion Group Leader (CS1101S): **Aug 2010 - Nov 2010**
  - Taught CS1101S, a module that teaches programming methodology in Scheme, a dialect of Lisp
  - Involved in building the JFDI system used by the students, a learning tool designed to gamify education.
  - Taught CS1010, a module that teaches programming methodology in C
  - Both modules are core modules for Computer Science majors.

❋**Hulutech (Link)**
- Engineer: **Jan 2011 - April 2011**
- On the team redesigning the 65Daigou site
- Provided support and experience to the team with regards to the LAMP stack on AWS
- Created a backend book ordering system for MPMmath

❋**Computing for Voluntary Welfare Organisations (Link)**
- Engineer: **May 2010 - May 2011**
- On the team that implemented the MINDS eClient system
- Designed and created the Client management section on Drupal 6
- Maintained the code server, with specific focus on security, using software such as DenyHosts

Side Projects

❋ **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

❋ **StartupRootsSG (Link)**
- Organiser: **Jan 2012 - July 2012**
- Linked the top startups in Singapore to the top students
- Interviewed (technical) students
- Exposed the fellows to the local tech startup community throughout the fellowship

❋ **IWasntPaid.com (Link)**
- Founder: **Jan 2012 - Present**
- Website for freelance developers to report their horror stories and hopefully get paid for what they have done
- Helped freelancers get their pay back

❋ **GeekcampSG (Link)**
- Organiser: **July 2011 - Present**
- Organised GeekcampSG, one of the largest Geek conferences in Singapore
- On the organising team with 6 other awesome geeks.

Education

❋ **National University of Singapore (Link)**
- Bachelor of Computing in Computer Science: **Aug 2009 - Present**
- NUSHackers (Link): **Aug 2010 - Present**
  - Coreteam member
  - Organised Hack Workshop Series, a series of workshops to bring technologies used in the real world to students
  - Organised Friday Hacks, a weekly meetup to encourage sharing of knowledge and creating things for fun
  - Organised Hack&Roll, a 24-hour hackathon, to encourage students to do projects outside of school
  - Found sponsors for the events
- Computing for Voluntary Welfare Organisations (Link): **Aug 2009 - May 2011**
  - In charge of training the next batch of applicants
  - Held workshops teaching the new applicants about PHP, as well as the LAMP stack
  - Created and graded the PHP assignments

✉ laurenceputra@gmail.com   📍 Tembusu College; University Town, NUS; 26 College Avenue East, #21-156; Singapore 138597;