



# Laurence Putra Franslay

## Hacker

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

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

- Linux (CentOS/Fedora)
- Apache
- MongoDB
- PHP (Codeigniter)

## Work History

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### BillPin Pte Ltd ([Link](#))

Engineer : May 2013 - ?

- Joined BillPin right after graduation
- Ported over Billmonk Database following the acquisition of Billmonk
- Maintained servers, with an emphasis on security and performance

### 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

## Side Projects

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### 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

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### National University of Singapore ([Link](#))

- Bachelor of Computing in Computer Science: **Aug 2009 - May 2013**
  - Focus in Distributed Systems and Security
- NUSHackers ([Link](#)): **Aug 2010 - Sept 2012**
  - 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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