

# Jimmy Te-Chun Chao

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## Experience

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### Casecommons

March 2013 - Now

#### Software Engineer

- Working on one of the largest enterprise ruby on rails application casebook.
- Refactoring the chef cookbooks, integrate vagrant, chef kitchen and serverspecs to devops development.

### [Freelancer]

December 2012 - February 2013

- Worked on node.js, express, mongodb and redis.
- Developed the backend of [Taipei Cultural Center New York] website
- Developed Cookhub
- Developed open source project Papercut for image resize.
- Developed open source project Code Warrior

### Spling

April 2012 - November 2012

#### Software Engineer

- Worked on Backbone.js single page application with Django backend.
- Improving SplingEngine, the spling url crawler that transfer url to image. Running on RabbitMq
- Work with Instagram, Flickr, Embedly and Bing api.
- Create Spling widget, Embedded splingboard on 3rd party website.

### Masxaro

June 2011 - August 2011

#### Software EngineerIntern

- Worked in an intense start-up environment with Agile development process.
- Built RESTful api and backend with Ruby on Rails and Postgresql. Deployed service on Heroku and Amazon EC2.
- Developed Front-end with Backbone.js and bootstrap.
- Published email parsing module as rubygem mail\_parser.

### Hung-Yong Software. Taiwan

February 2010 - August 2010

#### Technical Advisor

- Built Online Survey system for Taiwan Mobile, using ASP.NET MVC and Entity Framework.
- Developed workflow web service using VB.NET and automated testing with SOAPUI.
- Set up Continuous Integration Server, automated deployment and testing processes for team, shortened the development time and significantly reduced integration problems.

### Career Inc. Taiwan

April 2009 - December 2009

#### Software Engineer

- Worked on Job Search engine and portal website with ASP.NET and MSSQL, hosting 200 jobs per month.

### 261 Squadron, Taiwan Navy

August 2007 - October 2008

#### Information Officer

- Operated servers and network infrastructure in 261 Squadron.

## Education

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### Polytechnic Institute of New York University

August 2010 - January 2012

#### Master of Computer Science

- Built IndexBuilder, a custom search engine and parser, with Python in Web Search Engine Course.
- Created Footpon, an Android application that combines pedometer and coupon, in Mobile Application Development course.
- Wrote Rails source analysis and security report in Penetration Testing Course.
- Attended HackNY Hackathon 2011 Fall, created ChatSonar, a chatroom application combine Google Map and foursquare API. Using node.js, socket.io and MongoDB.

Core courses taken: Computer Graphic, Computer Vision, Design and Analysis of Algorithm, Modern Cryptography, Computer Architecture, Programming Languages.

**Bachelor of Information System**

- Attended IBM SOA development competition, Leading a team of 5 to build a collaborative investment platform to provide projections of risk and portfolio strategies. Advanced to final 8 out of 52 teams.

**Skills**

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**Programming Languages**

Fluent in: Java, Ruby, Javascript, Python, C#, C, SQL, html, css.

Experienced with: C++, Obj-C, PHP, VB, Scheme.

Frameworks & API: Rails, Sinatra, ASP.NET MVC, Backbone.js, Redis, Mongoddb, Node.js, Android.

**Software Development**

Essential knowledge about Software development tools including Git, Vim, Eclipse, Visual Studio.

Experienced with Agile, Scrum, Test Driven Development, Refactor and Design Patterns.