

# JIMMY TE-CHUN CHAO

[github.com/Rafe](https://github.com/Rafe) -- [daizenga@gmail.com](mailto:daizenga@gmail.com) -- Tel: 646-409-1070

## Objective

- Obtain the position as Web Developer, build great products with innovative technologies and contribute to open source projects. Sharing knowledge and learning from great team running agile practice.

## Education

### Master of Computer Science

*August 2010 - January 2012*

#### Polytechnic Institute of New York University

- Built [IndexBuilder](#), a custom search engine and [parser](#), with Python in Web Search Engine Course.
- Created [Footpon](#), an Android application that combine pedometer and coupons, in Mobile Application Development course.
- Built [optical character recontion program](#) in Computer Vision Course.
- Wrote [Rails source analysis and security report](#) in Penetration Testing Course.

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

### Bachelor of Information System

*September 2003 - June 2007*

#### Cheng-Chi University

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

## Experience

### Masxaro

*June 2011 - August 2011*

#### Software Engineer

- Worked in an intense start-up environment with Agile development process.
- Built RESTful api and backend with Ruby on Rails and Postgresql. Deploy 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

*Febuary 2010 - August 2010*

#### Technical Advisor

- Built Online Survey system for Taiwan Mobile, using ASP.NET MVC and Entity Framework.
- Set up Continuous Integration Server, automate deployment and test processes for team, shorten the development time and significant reduce 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.

## Skills

### Languages

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

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

Frameworks & Api: Rails, Sinatra, ASP.NET, ASP.NET MVC, Backbone.js, Redis, Mongodb, Node.js.

### Software Development

Experienced with modern software development tools including Git, Vim, Eclipse, Visual Studio.

Using modern development paradigm in development like Agile, Scrum, Test Driven Development, Refactor and Design Patterns.