

# JIMMY TE-CHUN CHAO

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## Education

### Master of Computer Science

August 2010 - January 2012

#### Polytechnic Institute of New York University

- Build [IndexBuilder](#), a custom Search Engine and [parser](#) in Python on Web Search Engine Course.
- Create [Footpon](#), an application combine pedometer and coupon on Andriod, in Mobile Application Development course.
- Build [OCR program](#) in Computer Vision Course.
- Write [Rails Source analysis and security report](#) on Penetration Testing Course. > Other Courses taken: Computer Graphic, Modern Cryptography, Design and Analysis of Algorithm. Computer Architecture.

### Bachelor of Information System

September 2003 - June 2007

#### Cheng-Chi University

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

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## Experience

### Masxaro

June 2011 - August 2011, January 2012 - current

#### Software Engineer

- Working in an intense start-up environment with Agile development process.
- Building RESTful api and backend with Ruby on Rails and Postgresql. Deploy service on Heroku and Amazon EC2.
- Writing Front-end with Backbone.js and bootstrap.
- Publish email parsing module as rubygem `mail_parser`.

## **Hung-Yong Software. Taiwan**

February 2010 - August 2010

### **Technical Advisor**

- Building Online Survey system for Taiwan Mobile, using ASP.NET MVC, Entity Framework and MSSQL.
- Set up Continuous Integration Server, automate deployment and testing process for the team, shorten the development time and significant reduce integration problems.

## **Career, Inc. Taiwan**

April 2009 - December 2009

### **Software Engineer**

- Operate Window servers and supporting IT facilities.
- Developing ASP.NET web application with C#, jQuery and MSSQL.

## **261 Squadron, Taiwan Navy**

August 2007 - October 2008

### **Information Officer**

- Manage network infrastructure and servers in 261 Squadron.

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## **Skills**

### **Languages**

Fluent in: Java, Ruby, Javascript, Python, C.

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

### **Software Development**

Experience in modern software tools include git, Vim, Eclipse, Visual Studio.

Modern development paradigm in Agile, Scrum, TDD, BDD, Refactor and Design Pattern.