

Jimmy Te-Chun Chao

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Education

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.

Cheng-Chi University

September 2003 - June 2007

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.

Experience

Cookhub

December 2012 - Now

Founder, Software Engineer

- Worked on node.js, express, mongodb and redis.
- Developed open source project Papercut for image resize.

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 Engineer Intern

- 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.

Skills

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, Mongodb, 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.