Jimmy Te-Chun Chao

github.com/Rafe -- daizenga@gmail.com

Experience

Independent developer
July 2018 - current

- Built Flow, the focus timer plus todo list app with React Native

Casecommons/Casebook PBC
March 2013 - Feb 2018

Senior Software Engineer

- Develop Casebook, Indiana State Child Welfare system with Rails, React.js, Postgres, Redis and Elasticsearch
- Lead and build Casebook Mobile App, introduce React Native to Casecommons.
- Propose and host developer learning lunch to build developer culture in Casecommons.
- Worked as import API team lead for Indiana State hotline system, migrated 6 million records from legacy system.
- Improve server infrastructure by integrating new tool includes vagrant, chef kitchen and serverspecs with Devops team.
- Work under pair programming environment with test driven development and continuous integration.

Spling
April 2012 - November 2012

Software Engineer

- Worked on Backbone.js single page application with python Django backend.
- Improved SplingEngine, the spling url crawler that transfer url to image. Running on RabbitMq
- Worked with Instagram, Flicker, Embedly and Bing api.
- Created Spling widget, Embeded splingboard on 3rd party website.

Masxaro
June 2011 - August 2011

Software Engineer Intern

- Built RESTful api and backend with Ruby on Rails and Postgresql. Deploy service to Heroku and Amazon EC2.
- Developed single page application 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.
- Developed workflow web service using VB.NET and automated testing with SOAPUI.
- Setup Continuous Integration Server, automated deployment and testing processes for team, shortened the development time and significantly reduced integration problems.

Education

New York University
August 2010 - January 2012

Master of Computer Science

- Rails source analysis and security report in Penetration Testing Course.
- 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.
- Core courses taken: Computer Graphic, Computer Vision, Design and Analysis of Algorithm, Modern Cryptography, Computer Architecture, Programming Languages.

Talks

- Ruby concurrent programming
- Bash like a Marshall
- Beantocurrency
- Let's build react js
- Functional javascript talk
- Your strategy was eaten by culture