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, Postgres, Redis, Elasticsearch, Backbone.js and React.js
- 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 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.

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.

Talks

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

Skills

Essential knowledge about Software development tools including Git, Vim, Xcode, Eclipse, Visual Studio code.
Experienced with Agile, Scrum, Pair Programming, Test Driven Development, Refactor and Design Patterns.
Work efficiently with Rails, React.js, Elastic Search, Docker and Redis.