

Hsin-yu Chen

Software Engineer

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I am a software engineer in Taiwan transition from field of chemistry and material engineering. Co-author of Xorro-P2P, a Bittorrent-like P2P file sharing application build from scratch in Ruby.

Projects

Xorro-P2P - <https://xorro-p2p.github.io>

P2P File sharing system build from scratch in Ruby with full-fledged Kademlia distributed hash table implementation. Easy upload file with drag and drop function. and enhance file retrievability by shard broadcasting at the same action. Promote network stability by node auto-refreshing and file spreading in a concurrency background job.

Ruby, Sinatra, TDD, Minitest, Javascript

MyTrello

A project management app styled on Trello that allow for card creation, deletion, reorganization, labeling, due data editing, adding comments, and key word searching of card.

Javascript, Backbone, Express, Jade, Stylus, Handlebars, HTML, CSS

Skills

Backend: Ruby, Ruby on Rails, PostgreSQL

Frontend: Javascript, jQuery, Backbone, Express, HTML, CSS

Problem solving: Algorithm Thinking, System Design

Education

National Chiao-Tung university - BS, Applied Chemistry 2007 - 2011

National Tsing-Hua university - MS, Material Science 2011 - 2013