

Zhou Chong (Logan)

Lastest version of this resume:

- HTML: <http://xorcerer.github.com/resume.html>
- PDF: <http://xorcerer.github.com/resume.pdf>
- Text / Markdown: <http://xorcerer.github.com/resume.md>

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Objective

A position to focus on data mining/processing with proper algorithms.
It would be better if I could contribute open source projects.

Strengths

Proficient or familiar with a vast array of programming languages, and their concepts.
Including, but not limit to: Python, Ruby, C++ (including C++11 features), C#, Java, Actionscript 3 (and its assembly), Objective-C (without Cocoa), Erlang, Common Lisp.

Big fan of meta programming, especially in C++ and Python. All I love is writing short, declaritive and maintainable code.

Enjoy creating and maintaining tool chains to make work and life easier (e.g. updating html/pdf of this resume).

Mac OS user, familiar with Bash, Zsh, VIM and Emacs(with vim-mode).

StarCraft I/II player.

Experience

2011.7 - present, Terminus Infomation Technology Limited.

Project: Web Game Abyss

A Massive-multiplayer online game based on Flash 3D. The only project of this startup company.

Responsibility

Leader Engineer of Game Server.

- Designed a cross platforms(Mac OS X, Windows) server side development and testing solution.
- Designed server architecture, protocols between several servers, using: boost.asio, zeromq.
- Designed and implemented multiplayer battle server, with C++(including C++11 features) and python.
- Designed and implemented game logic scripting with python, which is being used by all game

designers.

- Designed the smoke testing solution with Erlang.
- Maintaining scene editor (in Flash 3D).

2010.7 - 2011.7 MochiMedia.com (SNDA Group)

Project: MochiMedia.com Localization

Developing MochiMedia's business in China with the resources of SNDA Game.

Includes: connecting Chinese Flash game developers, building website of Flash games for Chinese player.

Responsibility

Leader Engineer of maqiu.cn

(The site had been closed.)

- Adapted SNDA Game's accounting, payment and currency system to MochiMedia.
- Ported SNDA Candy (a social network for SNDA Game users) SDK to Python.
- Maintaining MochiMedia's exchanging system in Erlang.

2009.7 ~ 2010.7 fuwo.com

Project 1/2: fuwo.com

A website, written in Python/Django, connecting decoration companies and their (potential) users.

Responsibility

Leader Engineer

- Designed the architecture of the website.
- Dev scheduling and task assigning.
- Wrote basement components, e.g. image saving and auto thumbnailing.
- Performance turning.

Project 2/2: iFuwo 3D Decoration Simulator

A Windows 3D modeling software, written in C#/WPF, for users to simulate and share their ideas of decoration.

Responsibility

Algorithm specialist Engineer

- Calculation of minimal costing of wiring (using "Dijkstra Shortest Path" and "Minimal Spanning Tree").
- C# XML serialization/deserialization (not the built-in one. The built-in one does not support generic type, but ours does for specified cases).
- Undo / Redo support.
- 3D camera control.

Education

2005 - 2009, Shanghai Maritime University, Bachelor.