

MUHAN ZOU

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SUMMARY

A mediocre, passionate programmer; Learning; Sharing; Coding; Collaborating; Carrying responsibilities; Deep love for tech; Coffee and Gym...My little page: <http://muhanzou.github.io>

WORK EXPERIENCE

FreeWheel Media, Comcast Corp.

Senior Software Engineer, Full-Stack

Jan 2015 - Present

Chelsea, NY

- Work at web team on client-facing advertising management system
- Prototype for reusable modular UI components with latest technologies such as ES6 and react.js
- Develop server side stateless program for Tableau API integration with node.js

Oracle, Inc

Software Engineer, Full-Stack

July 2013 - Jan 2015

Redwood Shores, CA

- Work under Oracle Social Management Group, build web SaaS marketing platforms based on social networks, and integrate with Oracle CRM products
- Focus on products' architecture, design and implement new features, fast delivery style, Agile, Scrum, touching trends of web tech
- Introduce new social networks' support to products; Add new UI/server features, i.e. real-time message notifications through web socket; utilizing BrokerApp scaling concept (filed patent under Oracle) for leveraging duties and traffic from major products
- Build background job management server dealing with communications between data provider and semantic analysis API
- Implement and go through application transitions, i.e. decoupling a large resource-managing app into one center API provider and multiple service modules exposed

EDUCATION

Yale University, US

M.S. in Computer Science, with fellowship, GPA: 3.8

2012-2013

Linköping University, Sweden

EE/CS, exchange student

2011-2012

Beijing University of Posts and Telecommunications, China

B.S. in Information Engineering, graduate with honors, GPA: 85.4/100

2008-2012

TECHNICAL SKILLS

Languages

JavaScript, Ruby, C/C++, Java, HTML/CSS, Python

Basics

Data Structure, OOP, Algorithms, System Design, SQL, GIT, JIRA

Web Back-end

Rails, Sinatra, Node.js, REST API, MQ, WebSocket, Redis

Web Front-end

React/Flux, Backbone, jQuery, Webpack, Sass

ENVs

MacOS, AWS, Linux, Sublime/Brackets, IDEs