

HOLLY LI

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OBJECTIVE: To obtain a full-time position in Software Engineering, interested in Front-End Development.

EDUCATION

Carnegie Mellon University Pittsburgh, PA

M.S. Computer Science (Computational Biology)

Honor Department Merit Fellowship (Tuition Scholarship)

AUG 2014

MAY 2016

(EXPECTE)

Selected Courses | J2EE Web Application Development | Java for Application Programmers | Data Structure for Application Programmers | Mobile Service Innovation | Introduction to Machine Learning | Advanced Web Design | Mobile Service Innovation | Programming for Scientists | Client-Side Web Technologies | Introduction to Computer Systems | Introduction to Network Science

Sun Yat-sen University Guangzhou, China

B.S. Biological Science

SEP 2010

JUN 2014

Honor BEST SOFTWARE tool project and GOLD AWARD in 2013 iGEM (International Genetic Engineering Machine) world competition held in MIT, Boston (SYSU-Software team member)

WORK EXPERIENCE

Philips Briarcliff Manor, NY

Research Intern of Clinical Informatics Solutions and Services(CISS)

MAY 2015

AUG 2015

Developed an algorithm to analyze clinical data to identify genetic mutations caused for medicine resistance in bacterial and validated the correlation of results by statistical methods.

Jitsun Software Technology Guangzhou, China

Front-End Developer

JUN 2014

AUG 2014

Designed graphic mockup for an Android app website. Translation of the UI/UX wireframes to actual code using HTML/CSS/JavaScript.

SELECTED PROJECTS

Front End Interactive System Development

Planned and diagrammed the front-end specifications and created PSD mockup prototype for an interactive reading system to help reader focus on the content while interacting with the webpage.

Implemented flexible, maintainable, reusable and professional UI components of the responsive webpage with consistency across all platforms using HTML, JavaScript, LESS, Bootstrap, JQuery.

Social Network (Deployed on AWS EC2)

Developed both front-end and back-end features of a dynamic website with several interactive features involving e-mail verification, users following stream, push wall, notification, message system, real-time update based on Django framework using HTML, CSS, JavaScript, AJAX, MySQL.

Generalized Data Mining Platform (Team Project)

Implemented front-end elements using HTML, CSS, JavaScript and back-end algorithm using Python of an interactive data mining web platform supporting user upload based on several machine learning algorithms and visualized the data results at the front-end using D3.js.

SKILLS

Programming

Python

Java

Perl

SQL

Go

C#

C

R

PHP

CSS

HTML

JavaScript

Matlab

Shell

Tools

Git

MySQL

Web Development

node.js

D3.js

Bootstrap

LESS/SASS/SCSS

AngularJS

AJAX

jQuery

Django

backbone.js

UI Design

Photoshop

Illustrator

Sketch