KATHERINE XU

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Education

University of California, Berkeley
August 2015
B. A. Computer Science

Relevant Courses

Data Structures
Machine Learning
Discrete Math
Linear Algebra
Computer Graphics
Parallel Software Engineering
Artificial Intelligence
UI Design / Android Development
Networking

Skills - Proficient

Javascript (ECMAScript 5+)
React JS
Redux
Redux Saga
HTML, CSS, Sass
Git

Skills - Familiar

AngularJS
Angular 2
Typescript
Webpack
NPM/Yarn
jQuery
Go / Golang
Java / JEE Servlets
Subversion
Python 2
Django
C++
C

Relevant Work Experience

Software Developer

Phil, Inc.   Jun 2018-present
Implemented reusable consumer-facing user interface components in React and Javascript ES6, managed application state using Redux, migrated important web flows from Ruby/jQuery to ReactJS, implemented custom AngularJS components for internal tools, implemented backend API logic using Golang, integrated 3rd party tools (Twilio, Lob) into platform. Spearheaded application rewrite from AngularJS to React.

Software Developer

StrongAuth   April 2016-August 2017
Handled user interface prototyping, database design/implementation, and back-end development for multiple web applications. Developed applications using Angular 2 and Typescript; developed Enterprise Java REST/SOAP API. Maintained Java Servlets and JSP application code to comply with third party API.

Web Developer

All Natural Medicine Clinic   May 2015-August 2015
Redesigned company website to be responsive and user friendly. Created custom WordPress theme using JavaScript, jQuery and Twitter Bootstrap. Maintained website and updated it according to client's needs.

Technical Evangelist

Live2D   August 2014-March 2015
Independently organized tutorial panels to teach company's software suite at conferences. Demonstrated functionality and usage of company's SDK to potential developers using examples in Java. Created promotional graphics for events.

Programmer/Design Intern

Live2D   June 2014-August 2014
Used the Live2D SDK to create sample applications for Android with Java and the Android SDK. Also created a sample game application for Windows using C# and Unity 3D. Created models with company-developed software suite. Created tutorials and promoted company's software stack through events and media.

Research Assistant

University of California, Berkeley   March 2014-May 2014
Used Google Maps API to create a web application that accepted user questionnaire regarding stress and visualized stress causes, storing them in a mySQL database.