Haixiang Yan

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EDUCATION

- **University of California, Irvine**   **Irvine, CA**
  - M.S. Networked System   Jun 2020
- **Northeastern University**   **Shenyang, China**
  - B.S. Engineering in Software Engineering (GPA: 86/100)   Jun 2018
  - Honors: Third-class Scholarship (15%, Northeastern University)
  - Study abroad - UC Irvine (2017 - 2018)

SKILLS

- **Languages:** JavaScript, Java, Python, C, C++
- **Frontend:** React.js, Vue.js, jQuery, ES6, SCSS, CSS3
- **Backend:** Express.js, Koa.js, Flask, MySQL, MongoDB, Oracle (PL/SQL)
- **Mobile:** React Native, Android
- **Test:** Mocha, Sinon, Chai, Karma, Travis CI, JMeter

INTERNSHIP

- **Neusoft (Title: Frontend Developer)**   **May 2017 - Sept 2017**
  - Collaborated teams to develop UI components for an online shopping web app (Mobile) with Vue.js and evaluated the designs of components with UI designers
  - Reduced 48% component codes by introducing Vuex to manage data flow between components
  - Developed a privilege management system by using Vue Router to authorize different level privileges to users
  - Beautified and rebuilt Vue components with Animate.css and Element UI
  - Automated backend APIs and HTTP requests testing by writing scripts with Mock.js

PROJECTS

- **Wheel UI Widgets Library** (https://haixiang6123.github.io/wheel-ui/)   **July 2018**
  - Developed a UI widgets library with Vue.js and published on npm to let developers beatify their website
  - Upgraded component styles codes by using SCSS to encapsulate some Mixins for reusing styles
  - Wrote unit tests with assertion and stubbing frameworks like Chai, Sinon and Mocha
  - Improved robustness by combining Travis CI and Karma to do integration testing
  - Deployed official documentation website with VuePress to demonstrate details of APIs for developers
- **Guitar Tabs Editor** (https://haixiang6123.github.io/guitar-editor/#/)   **Mar 2018**
  - Designed a guitar tabs editor with React.js for users to develop guitar tabs by writing formatted texts
  - Rendered Markdown/LaTex texts to a guitar tab to reduce user's learning costs
  - Formatted guitar tabs size by using SVG to display guitar chords
  - Implemented 2 chord displaying modes so that user can choose to show chords above lyrics in text or SVG
  - Published component Chord to let developers customize their own chords and use standard chords with React.js
- **Movie Gallery System**   **Jan 2018**
  - Built the movie gallery system with React.js for users to view, search and purchase movies
  - Improved website security by setting route guards with React Router and detecting robot with Google reCAPTCHA
  - Controlled movie data, search results and shopping carts with Redux and shared them to common components
  - Strengthened website performance by launching it on AWS with load balancing support and analyzing its performance with JMeter
  - Accessing same APIs developed with Servlet, the Android app was built to make it more flexible and scalable
- **Pikachu** (https://haixiang6123.github.io/pikachu/)   **Feb 2018**
  - Utilized jQuery, HTML5 and CSS3 to draw a Pikachu on a web page
  - Drawing a Pikachu dynamically while writing CSS codes line by line