

CE SHANG

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EDUCATION

University of Texas at Austin, School of Information Austin, TX
MS, Information Studies – Human Computer Interaction Aug. 2013 - May. 2015

Beijing Normal University, School of Management Beijing, China
BS, Management Information Systems Sept. 2009 - Jun. 2013

SKILLS

Web Technologies: HTML, CSS, JavaScript, Ajax, JQuery, Bootstrap, AngularJS, PHP, SQL, MySQL, JSON etc.

Data Mining and Visualization: Python, R, D3.js, Processing, etc.

Other: basic knowledge of C, JAVA, Ruby, C#.NET

EXPERIENCE

Cisco Systems, Inc Austin, TX
Data Analyst Jun. 2015 – Present

- Design and develop a Web application for internal stakeholders to track status of software testing projects;
- Develop responsive front-end interfaces with *HTML*, *CSS*, *JavaScript*, and JS frameworks and libraries like Bootstrap, JQuery, Angular.js, AJAX, etc;
- Pull and process data from various resources (JSON API, MySQL database, etc) and implement PHP/SQL code at back-end;
- Explore development of MVC and Single Page Application.

University of Texas at Austin Austin, TX
Student Technician Oct. 2014 – May 2015

- Managed whole website and web documents for UT Graduate School;
- Created web pages including image editing and front-end development using *HTML*, *CSS*, and *JavaScript*.

GivePulse Austin, TX
Data Analyst Intern Dec. 2014 – May 2015

- Analyzed user activities to help suggest new UI/UX features and designs;
- Processed data at back-end and developed dynamic Web visualizations using D3.js, *CartoDB*, *ArcGIS*, etc.

PROJECTS

UI/UX Design / Development

- Re-designed the user interface of “database search” for UT library;
- Completed *HCI* design life cycle of contextual inquiry, WAAD, user flows, personas and scenario, conceptual design, wireframe and prototyping, heuristic evaluation and user testing;
- UI development using Balsamiq, Axure, and HTML, CSS, Javascript.

Web Development

- Developed a simple social networking website including both front and back end work.

Database Management

- Designed data models and relations and developed a relational database management system.

Data Visualization

- Explored data visualization tools and JavaScript libraries like HighChart, FusionChart, and *D3.js*.