



Xinxin He

Software Engineer



Experience

06/2015 -
present

System Analyst

Telamon Corporation, Business Process Service

- Author user requirement documentation, wireframes and process flows/diagrams for each customized document management system with a cross-functional team.
- Build high-fidelity web apps to guide clients through modules such as dashboard, data indexing, GL coding, exception handling, approving, report exporting, user and permission managing, etc.
- Conduct various testings to ensure user requirements were met accurately with a 10% faster delivery time.

05/2017 -
10/2017

Full Stack Software Engineer

BitTiger, Full Stack

- Composed a web app that allows users to collaboratively solve coding problems and have real-time communications, implemented with socket.IO and MEAN (Mongo, Express, Angular, NodeJS) tech stacks.
- Built a real-time news recommendation app that scrapes the latest news, auto-classifies news using trained model, and updates news preference based on user click activities, implemented with React, NodeJS, REST, Redis, Mongo, Python Flask, Tensorflow, etc.
- Build a question board for an existing online course platform that allows users to browse/post/edit/answer questions on the side bar, using MEAN tech stacks.

06/2014 -
08/2014

UX Engineer

IUPUI Innovation-to-Enterprise Central

- Invented, prototyped and implemented a web tool that allows users to design patterns using color blocks and keyboard, using pure HTML, CSS, jQuery.
- Interviewed art professors and students by diagnosing their needs and conducting usability testing.
- Exceeded user expectations and earned 100% positive feedback.

11/2012 -
01/2013

UI Designer

Neusoft Corporation, Design Team

- Collaborated with a cross-functional team to define standards and styles.
- Designed user-facing UI modules for web and tablet applications with technical feasibility.



Education

08/2013 -
05/2015

Indiana University-Purdue University, Indianapolis

Master of Science in Human-Computer Interaction (GPA: 3.66)

08/2009 -
05/2013

Beihang University, Beijing, China

Bachelor of Science in Software Engineering (GPA: 3.80)

Secondary Degree in Art Design (GPA 3.90)



Summary

Team player software engineer with a solid history of web development and effective UX/UI design. Has developed several responsive web apps with elegant user interfaces and experiences, including features like continuous loading with debouncing, authentication and authorization, real-time collaborative editing and communicating, REST request routing and handling, asynchronous response processing, and data training and predicting.



Personal Info

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E-mail

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Portfolio

<http://xinxinhe.blog>

LinkedIn

<https://www.linkedin.com/in/xinxinhe/>



Skills

HTML / CSS / JavaScript

Angular / TypeScript

React / Redux

Webpack / Grunt / Babel

NodeJS / Express

RXJS / Promise

Python Flask

MongoDB / MySQL / Redis

REST API

JSON

Tensorflow

Java / Data Structures

Git / NPM / AWS

Photoshop / Axure