Xinxin He

317-709-9738 • xinxinhe1991@gmail.com • https://www.linkedin.com/in/xinxinhe/ • http://xinxinhe.github.io

Programming Skills:	HTML5, CSS3, Bootstrap, JavaScript, ES6, Angular2, React, REST API, Node.js, Express, Redis, Python, MongoDB, Docker, Tensorflow, NLP, JSON, NoSQL, SQL, java, C#.NET, Nginx
HCI Methods:	Competitive Analysis, Heuristic Evaluation, Usability Testing, Sketching, Storyboarding, Prototyping
Tools:	NPM, Postman, Virtualbox, Git, Unix / Linux, Amazon EC2, Photoshop, Illustrator, Sketch

Education and Background

Indiana University-Purdue University, Indianapolis, Indiana
> **Master of Science in Human-Computer Interaction** (GPA: 3.66)

Beihang University, Beijing, China
> **Bachelor of Science in Software Engineering** (GPA: 3.80)
> **Secondary Degree in Art Design** (GPA 3.90)

Professional Experience

Telamon Corporation, Carmel, Indiana

System Analyst (6/2015 – Present)
- Designing and implementing business process systems at every stage of the SDLC with a cross-functional team to author process flows/diagrams.
- Building high-fidelity mockups rapidly, guiding clients through customized modules such as dashboard, indexing, GL coding, exception handling, approving, and report exporting.
- Tailoring to user requirements accurately with an average of 5% faster delivery time.

ITEC Internship/Indiana University-Purdue University Indianapolis, Indianapolis, Indiana

UX Programmer (6/2014 - 8/2014)
- Invented, prototyped and implemented a web tool that allows users to design patterns using only a keyboard, developed with pure HTML, CSS, JavaScript, jQuery.
- Interviewed art professors and students by diagnosing their needs and conducting usability testing.
- Exceeded user expectations and earned 100% positive feedback.

Neusoft Corporation, Beijing, China

UI Design Intern (11/2012 – 1/2013)
- Designed user-facing UI modules and illustrations for web and tablet applications with technical feasibility.
- Collaborated with a cross-functional team to design standards and styles for the China Unicom tablet app.

Full-stack Projects

Online Judge Collaborative System
- Implemented a web-based collaborative code editor which supports multiple users editing simultaneously (ACE, Socket.io, Redis)
- Designed and developed a single-page web application for coding problems (Angular2, Node.js, MongoDB)
- Built a user-code executor service which can build and execute user's code (Flask, Docker)
- Refactored and improved system throughput by decoupling services using RESTful API and loading balancing by Nginx (REST API, Nginx)

Top News: Real Time News Scraping and Recommendation System
- Implemented a data pipeline which monitors, scrapes and dedupes latest news (MongoDB, Redis, RabbitMQ, TF-IDF)
- Built a single-page web application for users to browse news (React, Node.js, RPC, SOA, JWT)
- Implemented a click event log processor which collects users' click logs, then updates a news preference model for each user (NLP)
- Designed and built an offline training pipeline for news topic modeling (Tensorflow, DNN, NLP)
- Deployed an online classifying service for news topic modeling using the trained model