

Xinjiang Shao

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Projects

2012-Present **PrepHero**, *Athletic Recruiting Service and Camp Registration Service.*

- Developed various of online psychological profiling applications for athletes and coaches which are also used by MLB, NHL and US Soccer prospects. The applications are responsive designed with Bootstrap framework.
- Building RESTfull API Endpoints to improve server respond time and use less memory for each request.
- Developing an iOS app for capturing and storing short athletic highlight video clips in AWS S3, and intergrate with RESTfull API endpoints.
- Migrated our service to AWS in order to serve 65k+ users, improved server response time from 3s to 400ms.

2013-Present **Fancy Foodie**, *An iOS App.*

- Designed whole user interface, logo and workflow solely.
- Built with Objective-C and open sourced afterwards.
- The app is the winner of the First Annual Competition hosted by UIC CS Department.

2011 **Splayer - Subtitle Matching Branch**, *A Media Player on Windows Platform.*

- Develop a server side application with load balancing enabled to get the distance of requested hash and stored video hashes and responds back the most possible matched subtitle for the video
- Merge with Splayer Client to be capable to calculating hash with perceptual hashing algorithms for a small clip of soundtrack in a video

Experience

2012-Present **Full Stack Developer**, *EXACT Sport, Chicago, IL, USA.*

- Work directly with the VP of Technology and the CEO to define and lead product strategy.
- Provide input in the design process and incorporate into overall application.
- Act as DevOps to build infrastructure for apps to be developed, deployed, scaled, backed up, optimized.

2011-2013 **Web Developer**, *Independent Freelancer, Chicago, IL, USA.*

- Make design recommendations for clients in need of blog-like websites and CMS based on Wordpress.
- Optimize websites by various of techniques such as SEO, Images Resizing, CSS/JS minification etc.
- Review, secure and remove malware invaded websites, especially for those based on Wordpress, Zen-Cart etc.

Education

2011–2013 **Master of Science in Computer Science**, *University of Illinois at Chicago, Chicago, USA, .*

2007–2011 **Bachelor of Science in Information and Computing Science**, *Dalian Polytechnic University, Dalian, P.R.China, .*

Technical Skills

Languages PHP, Objective-C, JavaScript, HTML 5, Java
Databases MongoDB, MySQL, Redis
Others MVC, RESTful API, AWS, Git

Languages

Chinese **Mother Tongue**
English **Second Language**

Fluent in writing, reading, speaking
Fluent in writing, reading; good in speaking