Xinjiang Shao

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Experience

Full Stack Developer, Peapod, Chicago, IL, USA.   2017–Present
- Maintained Single Page Application based on **AngularJS**, and migrating to more component-based architecture for front end code base.
- Developed features including order process tracking, buy more save more promotions, batch add to cart, unattended delivery with slot filtering etc.
- Supported A/B tests for improving site usability.
- Advocated best practices in modern context to achieve better UX, better performance, and better accessibility.
- Conducted code reviews on regular basis.
- Wrote Peapod Medium tech blogs, and organize hack night events for encouraging sharing and collaboration across different departments.

Full Stack Developer, EXACT Sport, Chicago, IL, USA.   2012–2016
- Developed various of on-line psychological profiling applications for athletes and coaches which are also used by MLB, NHL and US Soccer prospects. The applications are using responsive design with **Bootstrap** as CSS framework.
- Built in-house camp registration platform for payments collection(Stripe and Paypal API integration), camper evaluation and camp management (Zikula and Laravel based applications with MongoDB and MySQL as Databases).
- Created micro-services for supporting the main camp platform including Geo-IP Reverse lookup service, Short URL Service (http://prephe.ro), User Information Service, Mass Email Sending Service etc.
- Prototyped an iOS application for capturing and storing short athletic highlight video clips, stored assets in AWS S3, and integrated with main application via ReSTfull API endpoints.
- Migrated our service to AWS in order to serve 65k+ users, improved server response time from 3s to 400ms.

C/C++ Developer, Sagittarius Tech Co., Ltd., Shanghai, China.   2011
- Improved **Splayer** Client's subtitle matching system with perceptual hashing algorithms
- Evaluated the new solution for subtitle matching, and implemented both the server application and client integration to support it.
- Worked with third party vendor to enable our video subtitle matching system integrated with their hardware players.

Education

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

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

Technical Skills

Languages: JavaScript, Java, PHP

Databases: MongoDB, MySQL, Redis

Others: MVC, ReSTful API, AWS, Git

Languages

Chinese: Mother Tongue   *Fluent in writing, reading, speaking*

English: Second Language   *Fluent in writing, reading; good in speaking*