Xinjiang Shao

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Projects

PrepHero, Athletic Recruiting Service and Camp Registration Service. 2012–2016

○ 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.

Fancy Foodie, A Food Review App. 2013–Present

○ 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.

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

○ Develop a server side application with load balancing enabled to get the distance of requsted 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

Full Stack Developer, EXACT Sport, Chicago, IL, USA. 2012–2016

○ 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.

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: PHP, JavaScript, Java

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*