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CHEN LI

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EMPLOYMENT

Developer Support – ESRI   Sep 2014 - Now
- Identify, understand, and recommend solutions for customer issues by means of ArcGIS technologies.
- Provide world-class technical support to enterprise clients on RESTful APIs, including ArcGIS for server REST API, JavaSctipt API, soap SDK, ArcGIS server object extenstions, as well as Runtime SDK for Java.
- Build strong ecosystem for developer by working with developer communities, writing technical blogs, reviewing docs and feedbacks from beta site and
- Presenting and participating in user conferences.

Web Application Developer – GeoDecisions at Gannett Fleming, Inc.   Feb 2013 – Aug 2014
- Worked as part of a software development team to develop mapping solutions based on client requirements.
- Worked as core developer on United Arab Emirates National Crisis and Emergency Management System and accomplished 85% GIS web functionalities using HTML/CSS, JavaScript within ASP.NET MVC framework.
- Testing workflows, reviewing recorded finding and then working to resolve defects(JIRA).
- Created database tables and PL/SQL packages for managing attributes and locations of emergency resources.
- Analyze the feasibility of software enhancement requests.

GIS Web Development Intern – ESRI   Jun 2012 – Sep 2012
- Developed the front end of national mapping agency site, which implemented the production mapping function using JavaScript API and Dojo Toolkit on the client side.
- Created PyUnit test cases, improved 30% test coverage and revealed bugs of ArcMap Desktop 10 and performed ad hoc testing for website.

PROJECTS

Winner of UCI data Hackathon   May 2016
- Developed a website which helps local business to make marketing decisions by taking advantages of mobile data and won the best startup award.
- Designed and developed the front end by using boostrap, jquery and dojo.

Development of EWDA 10.4 ESRI Technical Certification Exam   Apr 2016
- Participated as a Subject Matter Expert in the development of the 10.4 version of the Web Application Developer Associate technical certification exam.

National Crisis and Emergency Management System(JavaScript, HTML/CSS,C#,MVC)   Mar 2013 – Aug 2014
- Developed an emergency management system for responding to emergencies and managing/allocating emergency resources.
- Implemented 80% functionalities for the interface by taking advantage of ArcGIS API for JavaScript, including Search widget, Directions widget, Draw widget and the emergency resources management page etc.
- Implemented the backend functionalities for retrieving data from the stored procedure in the database, and prepare that data for front end interactions.
- Created stored procedures in oracle database and applied it into the application.
- Fixed the bugs, and suggested enhancements.

Research Assistant – The Wharton School of the University of Pennsylvania   Oct 2012 – Dec 2012
- Developed a bidding software independently in Java/J2ME which improved the efficiency of price competition.
- Implemented the open/seal auction algorithm using Java Wireless Toolkit on CLDC platform.
- Performed text parsing, file storage, and periodic messaging with SMSLib API on GSM modem.

EDUCATION

University of Pennsylvania   Philadelphia, PA
- Master of Urban Spatial Analytics   May 2012

Wuhan University of Technology   Wuhan, China
- Bachelor of Geographic Information System (GIS)   July 2011

SOFTWARE SKILLS

- **Programming Languages**: HTML, CSS, JavaScript, jQuery, bootstrap, Java, C#
- **Technologies**: ESRI ArcGIS technology stack, Microsoft Visual Studio, Adobe Flash Builder, Eclipse.

HONORS

- GeoDecisions Overachiever Award (company wide)   2013
- Volunteer of U.S. Geological Survey   2012
- Student Association Committee Representative   2010
- Chinese National Scholarship   2009

Certifications

- Web Application Developer Associate (EWDA 10.2)   Feb 2015