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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 participating in developer conference.
- Presenting on 2016 ESRI user conference on topic of customizing web app builder:
 https://uc.schedule.esri.com/#schedule/57052d634be5dde38f00c2c3/5717ca184be5dde03a000bf4

Web Application Developer– GeoDecisions at Gannett Fleming, Inc.   Feb 2013 – Aug 2014
- Work as part of a software development team to develop mapping solutions based on client requirements. Participate in application requirements and design review meetings.
- Worked as core developer on United Arab Emirates National Crisis and Emergency Management Agency and accomplished 85% GIS web functionalities using **HTML/CSS**, **JavaScript** and **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

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.

Winner of UCI data Hackathon   May 2016
- A project helps local business to make marketing decisions. I am the front end developer of this project using dojo, jquery, bootstrap. http://devpost.com/software/geomob

National Crisis and Emergency Management System(JavaScript, HTML/CSS,C#,MVC)   Oct 2011
- Developed a search application on **Amazon EC2** that supported searching, routing and geocoding of medical resources.
- Published spatial data on ArcGIS server, queried database in **PHP/MySQL** and implemented GIS functionalities using **JavaScript API** and **Google Maps API**.

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/AJAX, 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   Jan 2013
- Student Association Committee Representative, 2010
- Chinese National Scholarship, 2009

Certifications

- Web Application Developer Associate (EWDA 10.2)   Feb 2015