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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 workflows and sample codes to enterprise clients.

• Build strong ecosystem for developer by working with developer communities, writing technical blogs, reviewing docs and

feedbacks from beta site.

• Documenting technical issues through incident tracking, Knowledge Base articles, and submitting software defect and enhancement requests.

• Subject Matter Expert in ArcGIS JavaScript API, Web AppBuilder, ArcGIS Server Object Extension (SOE) and REST/SOAP API.

• Participated in recruiting events to educate students about GIS and ArcGIS platform at California State University, San

Bernardino.

• Represented Esri in Hackathon Events to encourage and guide developers at different levels of experience in GIS to

use Esri Technologies.

• Presented at ESRI User Conference 2016 on topic of tips and tricks of extending Web AppBuilder by creating customized widget.

**Web Application Developer – GeoDecisions at Gannett Fleming, Inc.** Feb 2013 – Aug 2014

• Built highly usable GIS applications using the latest technology including ArcGIS API for JavaScript, ArcGIS API for Silverlight,

JQuery, bootstrap, Oracle and ASP.NET.

• Responsible for completing development tasks, assisting with project requirement gathering, Test and debug the solutions

modules, troubleshoot application and server problems.

• Worked as core developer on United Arab Emirates National Crisis and Emergency Management System and accomplished

85% GIS web functionalities.

• Maintained Database tasks including: creating spatial enabled enterprise databases, data preprocessing, creating stored

procedures, editing and manipulating spatial data, developing data layers projects and creating scheduled database tasks.

**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.

• Designed and developed the front end by using bootstrap, jQuery and dojo.

• Won the Blackstone Launchpad Best Startup Award.

**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 (companywide) 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