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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