(215) 285-2867

[chenliupenn@gmail.com](mailto:chenliupenn@gmail.com)

http://chen7012.github.io/Portfolio

CHEN LI

26630Barton Road, APT 2622

Redlands, CA 92373

yaytian@cis.upenn.edu

**EMPLOYMENT**

**Developer Support – ESRI Sep 2014 – Now**

• Identify, understand, and recommend solutions for customer issues and provide workflows and sample codes to enterprise

clients by means of ArcGIS technologies including ArcGIS API for JavaScript**,** Web AppBuilder for ArcGIS, ArcGIS Server

Object Extensions(SOE), REST/SOAP API as well as ArcGIS Runtime SDK for Java.

• Document technical issues through incidents, knowledge articles, and submitting software defect and enhancement requests.

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

feedbacks from beta site.

• Participated in recruiting events to educate students about ESRI and ArcGIS platform at California State University.

• Represented Esri in Hackathon Events to encourage and guide developers to use ArcGIS Technologies.

• Presented at ESRI User Conference 2016 on topic of extending Web AppBuilder by creating customized widgets.

**GIS Web 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, testing and debugging the

solutions modules, troubleshooting application and server problems.

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

80% GIS web functionalities.

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

procedures, editing and manipulating spatial data.

**GIS Web Development Intern ­– ESRI**  **Jun 2012 – Sep 2012**

• Developed user interface of national mapping agency site.

• Implemented the production mapping function using ArcGIS API for JavaScript and Dojo Toolkit on the client side.

• Created PyUnit test cases, improved 30% test coverage and revealed bugs of ArcMap Desktop.

**EDUCATION**

**University of Pennsylvania -** Philadelphia, PA **May 2012**

• Master of Urban Spatial Analytics(GIS)

**Wuhan University of Technology -** Wuhan, China  **Jul 2011**

• Bachelor of Geographic Information System (GIS)

**PROJECTS**

**Winner of UCI data Hackathon –** the Blackstone Launchpad Best Startup Award. **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.

**Development of EWDA 10.4 ESRI Technical Certification Exam**(JavaScript, HTML/CSS, C#, MVC)  **Apr 2016**

• Participated as a Subject Matter Expert in the development of the ESRI Web Application Developer Associate certification.

**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.

• JIRA ticket bugs fixing, 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.

**SOFTWARE SKILLS**

• **Programming**: HTML, CSS, JavaScript, jQuery, Bootstrap, Dojo, 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**