

Ling Zhang  
Curriculum Vitae

Name: Ling Zhang

Work Address: HCCS Southwest College, 5601 West Loop South, Houston, TX 77081

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Education and Certificate

- Ph.D, Applied Computing, Applied Science, University of Arkansas at Little Rock
- M.S., Computer and Information Science, University of Arkansas at Little Rock
- M.A., Geography, East Tennessee State University
- Oracle Database 10g Administrator Certified Associate

PUBLICATION AND PRESENTATION

- An Effective Multi-feature Fusion Object-based Classification Method on ArcGIS Platform Using Very High-resolution Remote Sensing Image, IJARCSSE, November, 2013 2013 GSA Annual Meeting in Denver: 125th Anniversary of GSA
- 2014 Esri International User Conference - Multiresolution statistical segmentation – an addition to ArcGIS Spatial Analyst Extension

Teaching Experience

- High School Teacher, 1983 – 2007 HangZhou No.7 High School, China
- Professor, Adjunct Faculty, 2016 – Present

Houston Community College District

Courses: COSC 1436/1437 Programming Fundamental I and II. ITMT 2403 Administering a Microsoft SQL Server Database.

Professional, Technical, and Work-related Experience

- ArcSDE Administration for Oracle.
- Develop Web application using ASP.NET;
- ArcGIS desktop applications development with ArcObjects data model;
- Java application development using ArcGIS For Android Mobile Api;

- Java application development for ArcGIS Gevent Processing Extension;
- Develop web mapping application using ESRI Javascript Api;
- ArcIMS Web mapping application development and customization using JavaScript, HTML, ASP;
- ArcGIS Server web mapping application development with ESRI Web ADF;
- Performs geographic and/or data base analysis dealing with Utility facilities and operations;
- Produce maps and geographic data products;
- Design and implement user-oriented databases in SQL Server, application programs and documentation. Developing Stored Procedures and functions in SQL Server;

Technical Skill:

ESRI GIS software: ArcGIS Desktop, ArcGIS Engine, ArcSDE, and ArcGIS Server, ArcObjects, ArcGIS Web Mapping APIs (Flex, SilverLight and Web ADF), ArcGIS Mobile Api (ESRI ArcGIS for Android), Spatial Analyst Extension, Gevent Processing Extension;

Operating Systems: Unix/Linux/Solaris, Win9X/XP, Mac OS X, MS Window Servers;

Databases: MySQL, Oracle 10G, MS SQL Server 2008, 2012;

Computer Languages: C#. Net , VB.NET, VC++.Net, C/C++, HTML, Python, Java , ASP.Net, JavaScript, Flex, Microsoft Silverlight 3.0, XML;