

Zhang Xijing

E-mail xijing2000@gmail.com

TEL 8613459205810

Date of Birth 08/10/1988

Sex Female

Room 202, Building 6, Xuesheng Gongyu, Xiamen University

Fujian China 361005

Education

XIAMEN UNIVERSITY

Xiamen, Fujian, China

Master in Computer Technology Sep.2010-Jul.2013 GPA 3.85/4.0

XIAMEN UNIVERSITY

Xiamen, Fujian, China

Bachelor in Computer Science and Technology Sep.2006-Jul.2010

Research & Project

Kinect Object Detecting and Tracking, Xiamen University School of Information Science and Engineering Lab of Digital Image, 2011.9-present

Proposed an effective algorithm to improve detecting and tracking of object.

Face and eyes recognition and tracking. Using C++/OpenNI/OpenCV/OpenGL.

Kinect Customized Middleware, Xiamen University School of Information Science and Engineering Lab of Digital Image, 2011.9-present

Customized middleware of hands contours and gesture control.

Based on C++/OpenNI/NITE.

Marine Environmental Information System and Water Quality Assessment in Louyuan Bay of Third Institute of Oceanography, 2010.9-2011.6

Team member

Actively involved in the entire process of the project. Good teamwork skills.

Used WPF, C#, integrated GIS data, designed a flexible, reusable support system.

Explore the feasibility of ocean data visualization.

Automatic generation algorithm to metaphor sentence of Chinese poem

2010.2-2010.6

Individual Project

Based N-grams language model and modified Kneser-Ney interpolated method, trained about thirty thousands sentences, proposed an effective, elegant language model.

Combined the Maximum Likelihood Estimation, Genetic algorithm and Elements of

Chinese poems, including the rhymed and antithetic.

Company Personnel Management System, Xiamen University School of Information Science and Engineering Lab of Database System, 2009.7-2010.3

Team Leader

Customized the function of query, modify, calculate, manage for the local company personnel management system. J2EE application development on the Eclipse/Tomcat/Mysql.

People's Court Case Management System, Xiamen University School of Information Science and Engineering Lab of Database System, 2009.7-2010.3

Team member

Used WPF, C# and Mysql to provide a solution for process control of Case Management.

Internship & Experience

Xiamen TV Live Channel, Intern Director

Social network investigation, video editing, effect producing, using Premiere.

Teaching Assistant of Undergraduate Students in Data structure.2010.9-2012.1 TA

Taught, gave tests, graded work, experiment debugged, assisted professor with course

2009 Summer School Program of Inha University, Korea, 2009.8 Exchange Student

Learned Korean language and culture, global logistic. Curriculum practiced in DHL

School Activities

Hosted 2011-2012 Microsoft Innovation Tour in Xiamen University Team Leader

In charge of holding the campus interaction and lectures by the technology officers of Microsoft. Provide access to knowledge of Kinect, Html5, Win8.

First Prize team work award. (Top 2 of 35 universities.)

Department of Entertainment of Graduate Student Union, 2010.9-2011.6 Team member

Responsible for organizing The 2010 Xiamen University Graduate Welcome Party

Organizer of The 4th Competition of Drama and Skit of Xiamen University.

The 14th China International Fair for Investment&Trade, 2010.8-2010.9 Volunteer

Used the Algorithm knowledge to arrange part of the exhibition vehicle scheduling.

Propaganda Department of Xiamen University, 2008.9-2009.7 Student Journalist

Good at photography, E-magazine producing. Good reporter and communicator.

Women Basketball Team of School of Information Science and Engineering

Weekly training, rank 4th in campus women basketball tournament.

Awards and Scholarships

2010-2012 Third Class Scholarship

2010-2011 Excellent Student Journalist of Xiamen University

2009-2010 Excellent Student of Xiamen University

2009-2010 First Class Scholarship 2008-2009 Third Class Scholarship

2008-2009 Member of the National Advanced Class Collective

2008-2009 Outstanding Student Leaders of School of Information Science and Engineering

Programming

★ ★ ★ C, C++, Python, Matlab, Data Structures and Algorithms

★ ★ C#, .NET, Java, SQL, Objective-C, JavaScript, HTML/CSS

★ PHP, Oracle, Lisp, OpenCV, Machine Learning

Language Skill

Mandarin(mother tongue), English(fluent), Japanese(beginner), Korean(beginner)