



## **Work Experience**

### **07/2007 – 12/2007 Oracle Asia R&D Center Shanghai Branch**

#### **Personalized Advertisement System**

- Defined user requirements, project domains and use cases
- Designed special UI for GestureTek display and interaction
- Built up the system with Flex & Spring MVC architecture
- Designed a prototype of target searching algorithm
- Deployed and troubleshot the demo project

#### **RFID Game for “Oracle Open World” Conference**

- Organized and led black-box user logic test
- Conducted hardware (RFID tag) quality test
- Cooperated stress test of visualization tools

### **02/2008 – 06/2008 Independent Contractor**

#### **Business Strategy Analysis and Forecast Tool**

- Building project architecture
- Implementing GUI design

## **Project Experience**

### **High-Tech Business Plan**

- Created ideas of establishing and running a high-tech business company
- Analyzed and calculated expected sales amount, profit and loss
- Accomplished a 20-page business operating plan
- Presented a 5-page poster for VP estimation
- Awarded “Enterprise Ireland” by Fudan/Ireland Project Committee

### **Digital Watermark Algorithm**

- Designed a DCT algorithm to embed NSSD into digital pictures
- Implemented the algorithm to gray-scale digital picture with Matlab
- Conducted Monte-Carlo simulation to validate effectiveness

### **3D Chess Game**

- Programmed a 3D chess game with real texture and illumination effects
- Developed a 5-degree view transforming control with interact animation
- Utilized C++ and OpenGL graphical packages