Library Information System

- Developed an information system for library management
- Implemented a database for quick book and reader information retrieve
- Programmed a user-friendly interface for common library management tasks

Pipelined CPU

- Designed a CPU with ALU and registers with pipelining technique
- Implemented the design with VHDL language
- Simulated and tested the CPU with a circuit simulation software

Linux-like Operating System Kernel

- Designed and programmed a 2-level paging for memory management in C
- Implemented process switching and scheduling in C

E-business Platform

- Designed and Implemented a web-based E-business platform
- Designed GUI for user to login/logout, sell/browse/order products and use BBS
- Programmed automatic product ranking, advertising and promoting algorithms

Honors

2008	**Enterprise Ireland awarded by Fudan/Ireland Project**
2004 – 2008	**Starr Foundation Scholarship awarded by IIE**
	$2500 for the academic year 2004-2005
	$12000 for the remaining three academic years
2006	**People's Scholarship II awarded by Fudan University**
2005	**People's Scholarship III awarded by Fudan University**

Computing Skills

Programming:	Java, Perl, C, C++, VHDL, Lisp, Prolog
Graphics API:	OpenGL
OS:	Linux (Redhat, Ubuntu), Windows 2000/XP/Vista
Databases:	Oracle, SQL Server, MySQL, PostgreSQL