

Chen Yewei

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Skills

- Proficient in C++, C#, Basic knowledge of Python, ELisp (Emacs).
- Strong object-oriented skills.
- Familiar with various data processing techniques, such as SQL, XML Schema, XQuery, XSLT, Regular Expression.
- Basic knowledge of operating system, network programming and SQL database.

Highlights

- Continue enhancing skills on MOOC (mostly on Coursera and Udacity).
- Experienced in system design.
- Served as a key member of company-level code review group.
- Deployed and maintained the Redmine server on Linux for the whole company.

Experience

2012.11-present Software Development Team Lead Nihon Kohden

- Led a team of five developers.
- Developed standardized procedures for development and testing.
- Trained team members to develop automated tests and reduce testing time by 60%.
- Kept refactoring the system architecture, led to implement users' requirements twice faster than before.
- Cooperated with other developing team to integrate their products into the system.

2011.9-2012.10 System Engineer Nihon Kohden

- Prepared and delivered pre-sales presentations for end users, helped company sell more than 5 systems.
- Led a team to deploy systems for 13 hospitals (IIS, SQL Server).
- Analyzed end-user's requirements and assisted developing team in designing system.

2008.7-2011.8 Software Engineer Nihon Kohden

- Found and fixed a memory leak issue within a core module used around the world.
- Used command design pattern to split PDF generating process, leading to a 90% reduction in report generating time.
- Processed the EKG binary file.

Project

- ECG Management Information System (.Net)
 - Managed process of development.
 - Continued improving system architecture for extension.
 - Processed the data exchange with EKG devices (Socket, stream from COM)
 - Implemented the common data provider with several inner databases (.Net, ODBC).
- Automatic tablet packaging machine (.Net)
 - Designed and implemented interface for integration with other systems.
- EEG Diagnostic System (MFC)
 - Implemented a real-time module to monitor and record patient's reaction.

Language

- English CET-6, good in reading and writing
- Japanese JLPT N2

Education

2004-2008: Shanghai Institute of Technology

- Bachelor degree in Mechanical Design Manufacturing and Automation (jointly sponsored by Central Michigan University, USA)