XU ZHANG

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EDUCATION

UC, Santa Cruz   Santa Cruz, CA
Master of Science in Computer Science   May 2016
Taiyuan University of Technology   Taiyuan, China
Bachelor of Engineering in Software Engineering   July 2009

RELEVANT COURSEWORK

- Analysis of Algorithms   Programming Languages
- Principles of Database Systems   Human-Computer Interaction

TECHNICAL SKILLS

Programing Languages	:	Java, C#, SQL, some Swift, Scala, JavaScript, Haskell
Operating Systems	:	Linux, Mac OS, Windows
Database Systems	:	Oracle, SQLite, MS Access
Other Tools	:	Eclipse, Visual Studio, Intellij IDEA, Xcode, SVN, Git, VSS

WORK EXPERIENCE

Neusoft Corporation   Shenyang, China
Software Engineer   July 2009-Mar. 2012

- Designed and developed the visual report design tool running on core system for more than 300 developers.
- Developed multiple modules for core system, including transaction system and storage management system.
- Designed core system database structure, wrote basic operation SQL for core system and modules.
- Analyzed and converted requirements into data module and performed feasibility analysis.
- Optimized the SQL efficiency of the core system, evaluated performance of core system.

Neusoft Corporation   Shenyang, China
Software Engineer Intern   Oct. 2008-July 2009

- Designed and developed efficient configuration tool for core system. Saved 25 work hours per day for developers.
- Tested the core system, tracked the bugs from bug report system and offered advice of modification.
- Trained customers to operate the system, communicated effectively with development teams.
- Designed and wrote commercial product operation manual published nationwide.

PROJECTS

Beacon3D on iOS (Swift) – UC, Santa Cruz   Dec. 2014

- Used iOS Sprite Kit to build VR game to add the third dimension into real 2D world built by iBeacon hardware.
- Beacon3D allows multiple players connected by MPC and interacting with objects in the one and same VR world.

Database client UI (JavaScript, HTML)– UC, Santa Cruz   Nov. 2014

- Created client UI for database, which is an implementation of the PRAWN algorithm on a MongoDB.
- Client can send and parse HTTP requests with server, test and visualize data returned by database server.

Fuzzy word search engine (C#, SQL) – UC, Santa Cruz   Oct. 2014

- Designed word search engine to search the similar words in SQLite database fuzzily by analyzing key words.
- Users can get all similar words by one key word; users can configure the accuracy of the search engine.

QuickReport: visual report designer (C#, SQL) – Neusoft Corporation   Mar 2012

- Designed visual report design tool, it covert UI & Logic design into XML and generate report at the running time.
- QuickReport helps developers to increase report design efficiency by 700%, saved 2 million USD for company.

LINKS

GitHub: https://github.com/laonawuli