

Kaiwen Shen

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Education

New York University

Master in Computer Science, GPA: 3.61/4.0

New York, NY

Expected: May 2015

East China Normal University

Bachelor in Software Engineering, GPA: 3.37/4.0

Shanghai, China

Jun 2013

Projects

Sentiment Analysis Project

Feb 2013 - Jun 2013

- Extracted information from Microblogging data to predict popular opinions on public events
- Implemented the techniques from Minqing Hu and Bing Liu's paper "Mining and Summarizing Customer Reviews", and adjusted it to deal with Chinese
- Utilized data source from Sina Weibo to conduct experiments

Application of reverse rank-aware queries in advertising

Jul 2012 - Dec 2012

- With help from Database queries, new methods are explored to look for most appropriate customers for a certain product, which reverses the traditional way that finds products for a certain customer
- Conducted some experiments to demonstrate the effectiveness of the new methods

Optimization of the Oracle database system

Oct 2011 - Dec 2011

- The task was based on the Oracle database and majorly involved I/O and concurrency control
- TPC-H data were introduced into this experiment as verification and it was mainly applied in the experiment to simulate a real business environment

Implementation of functionalities of OS 'Pintos'

Feb 2011 - Jul 2011

- 'Pintos' is an open-source operating system framework developed by Stanford University
- The task incorporated coding which was in direct contact with the underlying hardware
- Implemented and refined the following functionality: Priority Scheduling of Thread, etc.

Working Experience

Intern at Online Shopping Site

Jun 2014 - Aug 2014

DecoratorsBest.com

New York, NY

- Worked with the team to develop the new website with .NET Framework, C#, SQL Server, AJAX, XML and Responsive Design, optimized the 'Smart Search' Functionality
- Focused on the back-end database design and maintenance to provide convenience to front-end design and development

Intern in Network Department

Jul 2012 - Aug 2012

State Tax Information Center

Yancheng City, China

- Took control of HP blade servers through HP Bladesystem Onboard Administrator
- Monitored network equipment, including task of flow control and status supervision
- Offered help for CTAIS users and managed Oracle database including part of database tuning efforts

Papers Published

- Zhao Zhang, **Kaiwen Shen**, Xueqing Gong, Application of Reverse Rank-aware Queries in Advertising, *Natural Science Journal of East China Normal University*, vol. 3 2013, pp. 26-36, 53

Technical Skills

Programming languages: C++ (expert), JAVA (proficient), C# (familiar), Python (familiar)

Software: Unix, Oracle, DB2, SQL Server, MatLab, Enterprise Architect