

SHENGZHI (SANDY) SUN

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EDUCATION

May 2013 **UNIVERSITY OF PENNSYLVANIA** *Philadelphia, PA*
School of Engineering and Applied Sciences, B.S.E. in Computer and Information Science
GPA: 3.44/4.00

- Leadership
- Women in Computer Science(President)
 - Introduction to Computer Programming (Mentor/TA)
 - Data Structures and Algorithms (TA)
 - Penn Table Tennis Club (President/Webmaster)
 - Advancing Women in Engineering (Student Advisory Board)

EXPERIENCE *References available upon request*

July 2013 - Present **Box** *Los Altos, CA*
Software Engineer

Worked on backend Conversion infrastructure that converts all file types uploaded to Box to numerous representations used for icons, preview, etc. Provided backend support for the Enterprise team. In addition, developed enterprise features and products: data retention and policy creation

May-August 2012 **IBM** *Raleigh, NC*
Extreme Blue Intern, Software Developer

Helped develop dynamic cloud resource provisioning software for the Wimbledon tournament, etc. Factored in historical web logs, player popularity, schedule of play, weather, live score updates, and live Twitter streams. Demo-ed at the U.S. Open 2012; primary marketing tool for IBM World Wide Sponsorship Marketing (WWSM) websites for 2013

May-August 2011 **ING DIRECT** *Wilmington, DE*
Web Analyst Intern
Created and tracked events for the ING Direct web and mobile sites using Tealeaf, and performed various analyses for departments across the bank

June 2010– May 2011 **PENN DATABASE RESEARCH GROUP** *Philadelphia, PA*
Undergraduate Researcher
Responsible for the development of *NetTrails*, a declarative networking based engine capable of performing a diverse set of network management tasks

PUBLICATIONS/ PATENTS

Patent: Resource Provisioning Using Predictive Modeling in a Networked Computing Environment

Richard J. Bogdany, Thomas B. Harrison, Brian M. O'Connell, Cameron N Mcavoy, Herbert D. Pearthree, Shengzhi Sun, Clay T. Upton

NetTrails: A Declarative Platform for Provenance Maintenance and Querying in Distributed Systems [[paper](#)]

Wenchao Zhou, Qiong Fei, Shengzhi Sun, Tao Tao, Andreas Haeberlen, Zachary Ives, Boon Thau Loo & Micah Sherr
In the **ACM SIGMOD International Conference on Management of Data (SIGMOD)** demo, Athens, Greece, 6/2011

AWARDS

- 2012 Facebook Grace Hopper Scholarship Recipient
2011-2012 Microsoft Scholar
April 2011 National Collegiate Table Tennis Association (NCTTA) Nationals Quarterfinalist for Women's Singles
March 2011 Society of Women Engineers (SWE) Poster Competition Honorable Mention (Only undergraduate prizewinner)
2009-2010 Stadtlander Family Scholarship

TECHNICAL SKILLS

Proficient in:

- Java
- Scala
- MySQL
- HTML, CSS
- Photoshop
- MS Excel
- PHP

Familiar with:

- Javascript, jQuery, ExtJs
- Linux
- Scrum/ Agile
- Assembly
- Tealeaf
- SolidWorks
- C

LANGUAGES English, Mandarin, Basic French

INTERESTS Table Tennis, Running, Rock climbing
Reading, Web Design, Ceramics