

# Kevin Tew

1066 Ash Ave, Provo, UT, 84604

(801)-380-6037

[kevintew@tewk.com](mailto:kevintew@tewk.com)

<http://www.linkedin.com/in/kevintew> <http://kevintew.com>

---

**Profile** Solid background in networking and systems. Proficient developer in imperative, dynamic, declarative and functional programming languages. Looking for innovative opportunities where I can be influential.

---

**Technical Skills** C/C++, Java, C#, .Net, Perl, Python, Ruby, SQL, Scheme  
Apache, MySQL, PostgreSQL, Mail, and Unix Administration

---

**Education** M.S. Computer Science, Brigham Young University *August 2006*  
B.S. Computer Science, Brigham Young University *December 2001*

---

**Career History** **Brigham Young University**, Phil Windley PhD, *Provo, UT* *July 2005-current*  
**Graduate Research Assistant**

Enterprise Computing Laboratory

- Development of Skuery (language embedded query semantics for Scheme)
- Development of Repkept a reputation system framework for Internet and digital identities.
- Substitute Lecturer for Programming Language Theory Course

**Canyonbridge Inc (now renamed Bungee Labs)**, *Orem, U* *April 2003-July. 2005*  
**Software Engineer / Developer**

- Designed and Engineered a custom C++ persistence frame work for a AJAX rich web application framework.
- Implemented a C++ Servlet like framework called ServApp, which abstract web server interactions across Apache, IIS5 and 6, and Lotus Notes.

**Brigham Young University**, Quinn Snell PhD, *Provo UT* *January 2000-April 2003*  
**Graduate and Undergraduate Research Assistant**

Networking, Supercomputing, and Scientific Computing Laboratory.

- Phylogenetic Scientific Computation
- Development of the DOGMA (Distributed Object Group Meta-Computing Architecture) a high performance computing resource manager
- Linux Clusters and Non-dedicated node resource management and scheduling.
- Load balancing and switching of web services across cluster nodes.
- Substitute Lecturer for Operating Systems and Distributed Systems Courses

**Lawrence Livermore National Lab**, *Livermore, CA* *May 2002-August 2002*  
**Graduate Summer Intern**

- SLURM project development (Simple Linux Utility Resource Manger) a high performance computing resource manager.
- Design and development of a transport independent, message communications layer.
- Design and development of slurmd ( Parallel task launch and IO daemon component of SLURM )
- UNIX system programming

**Kenecott Energy and Campbell County School District,**  
*Gillette, WY*

*August 1995-December 1999*

***Networking Engineer/ Consultant/ College Intern***

- IP LAN/WAN management of Microsoft NT and Novell Files Servers, GroupWise Administration
- Automated scripted roll out of Windows 95, Office 97 to 300+ desktops distributed across 5 geographic locations using custom tools and Microsoft SMS.
- Oracle / Microsoft SQL database synchronization, Microsoft SQL database site replication.
- Installation of Novell NDS Tree, IP client configuration, design and implementation of Library Information System.
- IP and IPX routing, DNS Configuration

**The Spectra Group, Henderson, KY**

*May 1994-Aug 1995*

***Director of Technical Support***

Health Care Management and Systems Consulting.

- PC system design and consulting for tri-state area hospitals and health care facilities.
- IBM AS/400 terminal emulation, connectivity, and integration on PC workstations.

**Publications**

- **"Complex Performance Analysis Through Statistical Experimental Design: An Evaluation of Parameters Associated with Speed in Parallel Phylogenomics"**, David G. Whiting, Quinn Snell, Rebecca R. Nichols, Megan L. Porter, Kevin Tew, Keith A. Crandall, Michael F. Whiting, Mark Clement, Hawaii International Conference on Computer Science, January 2004.
- **"A Study of the Suitability of IrOBEX for High-Speed Exchange of Large Data Objects"**, Kevin Tew, D.Ryan Partridge, Joseph Ekstrom, Casey T. Deccio, and Charles D. Knutson, Globe Com 2003
- **"An Enterprise-Based Grid Resource Management System"**, Quinn Snell, Kevin Tew, Joseph Ekstrom, Mark Clement, The Eleventh IEEE International Symposium on High Performance Distributed Computing - 2002
- **"A Framework for Building Reputation"**, Phillip J. Windley PhD Kevin Tew, Devlin Daley, Submitted to WWW2007

**Awards**

- Best Session Presentation - College of Physical and Mathematical Sciences Spring Research Conference (2003, 2006)
- BYU Office of Research and Creative Activities (ORCA) Undergraduate Research Scholarship
- Full Tuition Undergraduate Scholarship
- Dean's List College of Engineering