

NEST SOFTWARE CONTEST

Contest Day: April 13th, 2012; 1240 CS, 9:30AM – 4:30PM

Welcome to the third annual CS NEST Software Contest – an annual software contest for UW Madison students to innovate and develop new software technologies. The public is welcome to attend the presentations and award ceremony for this year's NEST Contest!

The Schedule

Time	Team
9:00 – 9:10	Introductions and Opening Remarks
9:10 – 9:30	CampusCloud
9:30 – 9:50	Rhythm
9:50 – 10:10	iNerd
10:10 – 10:30	Javi
10:30 – 10:40	<i>Break</i>
10:40 – 11:00	Flextory
11:00 – 11:20	Automated Stock Market Analysis
11:20 – 11:40	SwipedIn
11:40 – noon	Lexegram
noon – 1:30	<i>Lunch</i>
1:30 – 1:50	My Student Folder
1:50 – 2:10	BeamFlow
2:10 – 2:30	Melodious
2:30 – 2:50	GoodMate
2:50 – 3:30	<i>Break/Judges Conference</i>
3:30 – 4:30	Awards Ceremony and Reception

The Prizes

First Place:	\$5,000
Second Place:	\$3,000
Third Place:	\$2,000
Best Project Reflecting the Wisconsin Idea http://www.wisconsinidea.wisc.edu/	\$2,000

Sponsored by Epic, Microsoft, and the UW CS Department.

The Judges

David DeWitt, Microsoft

David J. DeWitt is a Technical Fellow at Microsoft, and the founder of Microsoft Jim Gray Systems Lab in Madison. Prior to Microsoft, DeWitt was a faculty member in the Computer Sciences Department at the University of Wisconsin for over 30 years. He held the title John P. Morgridge Professor of Computer Sciences when he retired from the University of Wisconsin. DeWitt is a member of the National Academy of Engineering (1998), a fellow of the American Academy of Arts and Sciences (2007), and an ACM (Association for Computing Machinery) Fellow (1995). He has received the ACM SIGMOD Innovations Award, ACM Software Systems Award, and the IEEE Piore Award for his fundamental contributions to database systems.

Carl Dvorak, Epic

Carl Dvorak, Executive Vice President of Verona, Wisconsin-based Epic, is responsible for Epic's research and development areas as well as many executive and strategic activities of the company. Epic is one of the nation's largest privately owned vendors of healthcare information systems. Dvorak has been with Epic since 1987. He led development of EpicCare, the industry's first successful EMR; guided Epic's successful entry into the inpatient clinical system arena, and supervised numerous major installations. Outside of Epic, Dvorak served on HL7's Advisory Committee and currently serves on the executive committee of the HIMSS Electronic Health Record Association, an organization he helped found.

Roy Thiele-Sardiña, HighBar Partners

Roy Thiele-Sardiña is a successful venture capitalist and entrepreneur with over 25 years of investment and operating experience in the technology industry. He was co-founder & CEO of Ingrian Networks, a leading data privacy provider, and co-founder and CEO of Tasmania Networks, a cache proxy company (acquired by Cisco). He was also a member of the founding management team for Brocade Communications Systems. As Brocade's Vice President of Sales and Business Development, he signed the company's original OEM agreements. Prior to Brocade, he worked at Sun Microsystems for eleven years. While at Sun, Mr. Thiele-Sardiña started the company's telco business and grew it to 10% of Sun's worldwide revenue, and later led Sun's international sales and business development team. Mr. Thiele-Sardiña holds a BS degree in Electrical Engineering and Computer Science from the University of Wisconsin-Madison and an MBA from New York University, Stern School of Business.

The 2011-12 CS NEST Teams

Team Name	Team Members	Project Description
Automated Stock Market Analysis	Dustin Passofaro	A flexible, scalable architecture for writing automated stock trading algorithms that is provably profitable. Also, personal algorithms using the architecture.
<u>Beam Flow</u>	Gustave Granroth	An electric, magnetic, and gravity field physics presentation program, designed for typical introductory physics problems.
Campus Cloud	Andrew Hermus and Toussaint Minett	A website where students can connect with their classmates to find study groups, ask questions, or even sell football tickets using a flexible post creation and viewing system with a simple interface.
<u>Flextory</u>	Christopher Beley	An online inventory system that can be used for a variety of different applications from basic asset tracking to managing your personal book collection. Also has an Android app component.
<u>GoodMate</u>	Ryan Schmukler	A web based roommate management application. Allows for easy splitting and rotation of Chores, Bills, IOUs, Todos and more. Currently has 250 users.
iNerd	Mason Jellings	A simulation utility for the draft format of the Magic trading card game.
Javi	Matt Kirk	A Java API which allows Java programmers to call and control LabVIEW-created programs using only Java code.
Lexegram	Tim McGowan	A web based discovery engine that, through a unique way of structuring data and ensuring constant training, is able to establish and execute semantic search results for web content
<u>Melodious</u>	Luke Miller and Cynthia Qian	A musical improvisational artificial intelligence that can listen and analyze a previously un-heard bass-line and create its own musical accompaniment in real time.
<u>My Student Folder</u>	Justin Moeller and Nathan Moeller	My Student Folder is an online, interactive way to organize your class activities. You can manage your classes by inputting class information such as your homework, test dates, and projects.
Rhythm	TerChrng Ng	An online multiplayer rhythm game in HTML 5.
<u>SwipedIn</u>	Phil Dougherty and Brian Thiel	Mobile app for iOS and Android- Gives business owners the ability to release deals in real time to combat slow periods, gives users inside information to get free/discounted stuff.