

# Christopher Cowell-Shah

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## SKILLS AND TECHNOLOGIES

Fluent: **Java, technical writing, presenting, small group management**

Familiar: Ant, JUnit, Python, J2EE

## EXPERIENCE

**Oracle Corporation** Portland, OR 2009–present

**Programmer for quality assurance team for Oracle Fusion Middleware Assembly Builder**

- led GUI testing
- wrote test specs and test code for many product elements, including GUI

**Oracle Corporation** Portland, OR 2006–2009

**Programmer for quality assurance team for Oracle Fusion Middleware Business Rules 11g**

- led all product testing through entire product cycle
- designed and coded tests for 75% of product

**Accenture Technology Labs** Palo Alto, CA 2003–2006

**Researcher in Accenture's research and development office**

- co-led a two-year research project involving natural language processing and data mining
- created prototypes demonstrating emerging technologies (RFID, digital pens, iButtons)
- presented research to Xerox PARC, Central Intelligence Agency, SAP, and others

**Accenture** Sacramento, CA 2001–2003

**Programmer for California's welfare case management system**

- designed, coded, and tested low-level architectural components used by all project developers
- led team for creating training environment

**University of California** Berkeley, CA 1996–2001

**Graduate Teaching Assistant for six logic and philosophy classes**

- Graduate Teaching Assistant for six logic and philosophy classes

**Capital Area Literacy Coalition** Lansing, MI 1992–1993

**Federal VISTA volunteer**

- Program administrator and reading tutor for non-profit adult literacy program

**Let's Go Travel Guidebooks** Cambridge, MA 1989–1991

**Production Manager for 13-book series**

- Designed, installed, and maintained network of NeXT workstations and PCs
- Part of 5-person team to hire and train 140 staff

## EDUCATION

**Ph.D., Philosophy** University of California, Berkeley 1995–2001

Specialties: consciousness, philosophy of mind, personal identity. Advisor: John Searle

**Visiting Scholar, Philosophy** Princeton University 1999

**Post-Baccalaureate Scholar, Philosophy** University of Michigan 1993–1994

**B.A., Computer Science** Harvard University 1992

Specialty: cognitive science. National Merit Scholar

## TRAINING

- Essential .NET 2.0 (40 hours)** Developmentor 2006
- Security Essentials Bootcamp (40 hours)** SANS Institute 2003
- Guerrilla Java (40 hours)** Developmentor 2002

## PUBLICATIONS

- Using Lightweight NLP and Semantic Modeling to Realize the Internet's Potential as a Corporate Radar**, with Alex Kass. For presentation at AAAI Fall Symposium on Capturing and Using Patterns for Evidence Detection, 2006
- Business Event Advisor: Mining the Net for Business Insight with Semantic Models, Lightweight NLP, and Conceptual Inference**, with Alex Kass. For presentation at Knowledge Discovery and Data Mining Workshop on Data Mining for Business Applications, 2006
- Which Browsers Do Techies Use?** OSNews.com, 2004
- Review of **Everything and More: A Compact History of Infinity**, by David Foster Wallace. Slashdot.org, 2004
- Nine Language Performance Round-up: Benchmarking Math and File I/O.** OSNews.com, 2004
- Minds, Machines and Qualia: A Theory of Consciousness.** Doctoral dissertation, 2001
- Survivors' Tales: A Guide to the Qualifying Exam**, U.C. Berkeley philosophy department, 1998
- Arguments Against Connectionist Models of the Computational Level of the Brain.** *The Dualist*, Stanford University, 1995
- Let's Go: USA and Let's Go: Pacific Northwest, Western Canada & Alaska.** Researcher and writer for Northwest Oregon, Western Washington, British Columbia, and the Yukon, 1990

## PRESENTATIONS

- Automated GUI Testing Frameworks**, Oracle QA Group, 2010
- Java Performance Tips and Tricks**, Oracle QA Group, 2009
- Oracle Business Rules: a Practical Guide**, Oracle QA Group, 2009
- Java Performance Benchmarking with Project Bonneville**, Portland Java User's Group, 2009
- Recent Developments in Cryptography**, Accenture Technology Labs Forum, 2006
- The Importance of Mash-ups to Web 2.0**, Accenture Technology Labs Forum, 2005
- The Chinese Room and Strong Artificial Intelligence**, Accenture Technology Labs Forum, 2005
- Java Error Handling with the GRNDS framework**, Accenture, 2003
- In Defense of Dualism**, Stanford/Berkeley Philosophy Conference, 2000

## OPEN-SOURCE PROJECTS

- Founder and lead developer for **Project Bonneville**, a Java performance benchmark suite  
<http://sourceforge.net/projects/bonneville>

## PATENTS

- Model-driven event detection, implication, and reporting system**  
U.S. patent 7,523,137 granted 2009. International and European patents pending

## CITIZENSHIP

- United States