

# OLGA TRUSOVA

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## EDUCATION:

- 9/07-8/08 **Stanford University**, School of Education, Stanford, CA  
M.A. in Education with a concentration in Learning, Design & Technology
- 6/08-7/08 **Stanford University**, Graduate School of Business, Stanford, CA  
Summer Institute for Entrepreneurship
- 9/07-6/08 **Stanford University**, Hasso Plattner Institute of Design, Stanford, CA
- 9/99-6/02 **University of California Santa Cruz**, Santa Cruz, CA  
B.S. in Computer Science

## EXPERIENCE: NON-PROFIT/PUBLIC/GOVERNMENT SECTOR

- 10/04-2/09 **Program Associate**, Knowledge Media Lab, The Carnegie Foundation, Stanford, CA
- Lead teams of 5+ web, content, and software developers to conduct research and implementation of educational tools and on-line multimedia resources.
  - Develop and customize various Web 2.0 knowledge management and sharing sites, collaborative workspaces, and digital repositories enabling educators, programs, and institutions to document their educational transformation efforts.
  - Create newsletters, brochures, and websites to promote new media and emerging technology projects (Teaching & Learning Commons, KEEP Toolkit, the Carnegie Workspace).
  - Write, plan, and conduct convenings, workshops, and academic presentations at over 15 professional conferences.
  - Consult external and internal partners on replicating methods, processes, and tools pioneered at the Knowledge Media Lab and utilized by close to 20K users.
  - Evaluate instructional websites from over 100K examples, and create a web gallery of best ePortfolio practices.
  - Conduct assessment report analyzing the impact on-line spaces and resources have on educational community. Create planning documents.
- 9/07-2/09 **Design Associate**, Hasso Plattner Institute of Design, Stanford, CA
- Co-lead an international initiative working with educational partners in India and Bhutan.
  - Presented at international conferences and facilitated global collaboration/multi-team communication.
  - Conducted professional development workshops and training on design, innovation & creativity to teachers, students, industry professionals.
  - Re-designed a public radio experience for NPR/WNYC to attract younger audiences, utilizing the innovative design principles of IDEO, a product design firm.
  - Produced promotional video clips highlighting new ways to do show programming.
  - Created physical and experiential product prototypes for various clients (ex.: “tiny” radio, an mp3-like device). Conducted user interviews and testing.
  - Presented final products (prototype, documentation, video materials) and its business applications to clients (ex.: NPR/WNYC) at a public expo.
- 4/01-8/03 **Consultant**, National Oceanic and Atmospheric Administration, Santa Cruz, CA
- Assisted marine biologists and economists in analyzing and documenting impact of human activities on endangered species in CA, OR, ID, and WA.
  - Implemented a web-based UI for a scientific survey system that collects oceanographic information used for the California Habitat project at the fisheries department.
  - Designed and built database with statistics about small businesses affecting threatened species based on the U.S. Economic Census data.
- 1/02-7/03 **Consultant**, Furtherresearch, Film and Digital Media Department, University of California, Santa Cruz, CA
- Produced a collaborative authoring environment “Subtract the Sky” in a research project funded by Banff Centre for the Arts, Langlois Foundation, and the UC system.
  - Designed and implemented a GUI for an on-line concept mapping tool used by digital artists for the creation and navigation of interactive graphs.
  - Conducted workshops and expos at Sorbonne University of Paris and Dutch Electronic Arts Festival.

**TECHNOLOGY**

- 3/03-Present **Contractor**, Trusova Consulting Services, Palo Alto, CA
- Provided web design and development services for business and computer industries, including past work for an insurance agency, a domain registrar, a sports center, and start-ups.
- 9/07-6/08 **Research Specialist**, Nokia Research Center, Palo Alto, CA
- Conducted an experimental research study on effects of advanced mobile UI on space/momentum in learning, and their significance for the fields of education and human computer interaction.
  - Collaborated with members of Communication between Humans and Interactive Media (CHIME) lab at Stanford University on study design, data collection, and analysis.
- 9/03-9/04 **Software Engineer**, Modulus Data Systems, Santa Clara, CA
- Developed a Web-based hospital information system supporting medical devices used in clinical labs.
  - Educated clients about the product.
  - Evaluated the product's adherence to HIPPA standards and patient privacy constraints.
  - Wrote documentation and analyzed database performance for the Laboratory Information System.

**TEACHING**

- 1/08-Present **Coach**, d.school K-12 Lab, Hasso Plattner Institute of Design, Stanford, CA
- Planned, executed, and taught a graduate level course "Designing to Learn" working with int'l partners.
  - Created and executed lesson plans for East Palo Alto Academy, a Stanford-affiliated K-8 school.
  - Taught design thinking process and subsequently developed a design-based curriculum.
  - Organized a design expo to showcase students' final projects to the community.
  - Contributed to implementation of the comprehensive educational toolkit for K-12 teachers.
- 6/01-8/01 **Mentor**, University of California, Santa Cruz Extension, Santa Cruz, CA
- Tutored Japanese exchange students in conversational English through real life situations.
  - Provided immersive experiences to incoming student groups by being a tour guide.
  - Organized events revolving around second language acquisition and cultural awareness.
  - Taught basic computer skills to foreign students at English Language International program.
- 12/98-7/99 **Tutor, Teaching Assistant**, Writing/Reading Across Curriculum Center, Chabot College, Hayward, CA
- Tutored students struggling with writing and reading comprehension.
  - Exposed newcomers to computer technologies increasing their technical fluency.
  - Served as a teaching aid in introductory English courses.

**COMPUTER SKILLS:**

- Languages: PHP, Java, C/C++, HTML, CSS, XML, AJAX, Flash, JavaScript, VBScript, ASP, SQL, perl.
- JAVA Technologies: applets, servlets, JSP, JSF, EJB, JDBC, JNDI, JBoss, Resin, Tomcat, Hibernate, AWT, Swing.
- OS: Unix/Linux, Fedora Core, Sun Solaris, Mac OS, Windows 95/98/2000/XP/NT.
- Databases/Web Servers: MySQL, PostgreSQL, MS SQL, MS Access, IIS, Apache.
- Development Tools: Eclipse, gcc, XCode, CVS, MS Visio, MS Visual Studio, Visual Cafe, Dreamweaver.
- Office Applications: MS Office, Adobe Creative Suite, iWork, iWeb, iMovie, GarageBand.
- Open Source Educational Technologies: plone, Mambo, Joomla, Sakai, Moodle (Content Management Systems); FEDORA, DSpace (Digital Repositories); TouchGraph, SIMILE.
- Other: LDAP, OpenID, WebWork, web services (APIs), processing.

**LANGUAGES:**

- English, Russian, Ukrainian, basic Spanish.

**MEMBERSHIPS:**

- Graduate Fellowship '08, Stanford University, School of Education, Stanford CA
- Member representative at EDUCAUSE, Sakai Foundation, Fedora Commons
- Member of an Association for Computing Machinery (SF Bay), an Association for Professional Business Women of California