

EDWARD J KALAFARSKI

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- Education**
- Brown University**, Providence, RI
Master of Science in Computer Science, May 2009
4.0/4.0 GPA, Research on Techniques for Complex Operations in Multi-Touch Computing
 - Tufts University**, Medford/Somerville, MA
Bachelor of Science in English and Computer Science (magna cum laude), May 2006
3.73/4.0 GPA, Minor in Mass Communication and Media Studies, Dean's List, Budd Family Scholarship
- Skills**
- Coursework:** Human-Computer Interaction, Design for Virtual Reality, Graphic Design, Interdisciplinary Scientific Visualization, Computational Biology, Creative Writing, Mass Media
 - Language:** 6 years Spanish, 2 years Italian, French immersion experience
 - Web technologies:** JavaScript, jQuery, Google Maps API, PHP, ASP.NET, CSS3, HTML5
 - Frameworks:** Microsoft XNA, Windows Presentation Foundation, Microsoft Surface SDK, Cocoa
 - Research:** Multi-touch hardware and software, augmented reality surgical simulation
- Professional Experience**
- Google** maps.google.com/help/maps/gadgets/directions, maps.google.com/help/maps/elections/#national_almanac
Interface Design, Lead Developer, various applications (November 2007 – present)
Provided contract design and development to Google, who asked for a viral driving directions app, as well as an innovative map tool that made detailed census data easy and fun to scour. Over 85,000 users.
 - Map the Candidates** slate.com
Project Manager, Interface Design, Lead Developer (June 2007 – November 2008)
Created and developed an interactive tool for following the presidential candidates during the 2008 campaign, integrated with the latest news and YouTube video from the campaign trail. Partnered with *Slate/Washington Post* to deliver analysis and offered internships through Tufts University.
 - Digital Bungalow** digitalbungalow.com
Web Application Developer (June 2006 – August 2007)
Server- and client-side technologies, usability testing, quality assurance, Web standards.
 - 80/20 Booksellers**
Cofounder (November 2006 – November 2007)
Designed and implemented a winning business model from the 2006 Tufts Business Plan Competition, aimed at helping students easily sell back their textbooks at the semester's end.
- Projects**
- “SurfaceShop”** ejkalafarski.com/multitouch
Research and Development (December 2008 – September 2009)
Constructed and developed a multi-touch environment at Brown University, with a focus on collaboration and industry-level applications, e.g., image manipulation, on the Microsoft Surface.
 - JoeyTracker** joey.tufts.edu
Project Manager, System Design, Lead Developer (January 2007 – January 2010)
Developed a low-cost GPS tracking system for Tufts University's notoriously unreliable shuttle service.
- Teaching**
- Political Cartography 2.0: Web Mapping and the Election Cycle**
Chair, George Washington University (March 2008)
Cochaired a panel at George Washington University's Politics Online Conference, examining the role of interactive mapping in online politics.
 - The Future is Lost: Economic, Social, and Technological Impact of a Cult (and Cultural) Phenomenon** ejkalafarski.com/lost
Guest Lecturer, Tufts University (January 2007 – May 2007)
Designed and co-taught a course for Tufts University on the changing media landscape, using the social, economic, and technological impact of the cult show *Lost* as a case study. Covered in the *Boston Globe*.