

PROFILE	Software Engineer, Artist, Organiser, and Academic, I am passionate about higher education in emerging economies. To fuel that passion, I help software startups grow internationally by developing software and organising people, or by working as part of a software development team.
TECH & STARTUPS	<p>LANGUAGE SOLUTIONS DEVELOPMENT LEAD <i>April 2010 - present</i> <i>Touchtype, London UK</i> Expand predictive text coverage internationally, developing related business processes and the software required to carry out those processes. Manage Software Internationalisation Develop instrumentation & reporting framework for mobile apps</p> <p>COFOUNDER <i>April 2009 - present</i> <i>Emberlight, Cambridge UK</i> Emberlight publishes visual information to the web, managing collaboration and version management within teams</p> <p>BUSINESS DEVELOPMENT CONSULTANT <i>April 2010 - present</i> <i>CoDE Institute, Anglia Ruskin University, Cambridge UK</i> Shape the mission and direction of a new digital media research institute by developing collaborations between business and teams of academics</p> <p>SOFTWARE ENGINEER <i>Feb 2010 - June 2010</i> <i>Dressipi.com, London UK</i> Developed a prototype machine learning interface to infer customer style preferences Advised on the establishment of this startup's core development team</p> <p>SOFTWARE ENGINEER <i>2008-2010</i> <i>Texperts, Cambridge UK</i> Developed instrumentation and performance testing software for expansion into new markets and for our SuperBowl ad in 2010 Designed innovative user interfaces for managing worker relationships in microwork environment International travel for gathering requirements and briefing partners Research liaison for new university research partnerships Developed several technologies being considered for patent application</p> <p>INFORMATION ARCHITECT, SOFTWARE ENGINEER <i>2004-2006</i> <i>Elizabethtown College</i> Developed university admissions system Conducted a university-wide series of interviews and surveys to shape web strategy Managed information architecture and writing for an overall academic website redesign Developed content management system for website overhaul</p> <p>FREELANCE WRITER, TECHNOLOGY CONSULTANT <i>1999-present</i> <i>Pennsylvania USA, Cambridge UK</i> Advice for startups Small-scale software development Freelance articles for the technology press</p>
ORGANISATIONS	<p>EXECUTIVE PRODUCER, TRUSTEE CHAIRMAN <i>2007-2010</i> <i>World University Project, Cambridge UK</i> Directed concept and strategy Recruited trustees & advisory board Established the charitable trust Managed recruitment & workflow for volunteers Co-managed film crew and academic visit to Libyan Universities in 2008 Developed UniLives.com Managed strategic partnerships with corporations, publishers, and charities</p>
HONORS & AWARDS	<p>DAVIES-JACKSON SCHOLARSHIP <i>2006-2008</i> <i>Selected from a US national pool of applicants to study at St. John's College, Cambridge University</i></p> <p>RHODES SCHOLARSHIP FINALIST <i>2006</i></p> <p>AWARDS AT ELIZABETHTOWN COLLEGE <i>Distinguished Senior Award, 2005</i> <i>Louise Baugher Black Nonfiction Award, 2005</i> <i>Wenger Award for Distinguished English Senior, 2005</i> <i>Presidential & College Scholar, 2002-2005</i> <i>Honors Program, Sponsored by Hershey Foods 2002-2005</i> <i>Best of Show, Student Art Show, 2005</i></p>

PARLIAMENTARY
PROCEDURE

PARLIAMENTARY CONSULTING & POSITIONS 2004–present
Cambridge Union Society, 2008 - 2009
St. John's College Graduate Society, 2008
Parliamentary Consultant, Elizabethtown College Faculty, 2006
Student Senate Trainer, Patrick Henry College, 2004
Hershey Foods Honors Council, 2004

HUGH CANNON MEMORIAL SCHOLAR 2005
American Institute of Parliamentarians

LECTURER, RIDDICK PRACTICUM 2005
American Institute of Parliamentarians

RIDDICK SCHOLAR 2003, 2005
American Institute of Parliamentarians

SELECTED
PUBLICATIONS

EMBERLIGHT: SPATIAL HYPERTEXT WEB PUBLISHING June 2010
Refereed Demo at the ACM SIGWEB Hypertext 2010 conference, Toronto

AS WE MAY THINK AT 65: THE INFLUENCE OF VANNEVAR BUSH June 2010
Invited Panel talk at the ACM SIGWEB Hypertext 2010 conference, Toronto

COMPARING SPATIAL HYPERTEXT COLLECTIONS (with David Williams) June 2009
Refereed Paper at the ACM SIGWEB Hypertext 2009 conference, Turin, Italy

PROGRAM COMMITTEE, WIKISYM '08 2008
Senior reviewer, program committee member, Second International Conference on Wiki technology, Porto, Portugal

TRAGEDY IN ELECTRONIC LITERATURE mich, 2007
Triplos lecture in the English degree, on invitation by Professor Adrian Poole

PROGRAM COMMITTEE 2007
 PANEL ORGANISER: "TRAGEDY IN ELECTRONIC LITERATURE"
ACM Sigweb Hypertext Conference, Manchester UK
Co-organised panel with Clare Owens nee Hooper of the University of Southampton

KEYNOTE SPEAKER Spring 2007
Dickinson State Undergraduate Research conference

PHILADELPHIA FULLERINE: A CASE STUDY IN
THREE-DIMENSIONAL HYPERMEDIA Summer 2005
16th annual ACM conference on Hypertext/Hypermedia, Salzburg Austria
Nominee for Best Paper.
Ted Nelson Best Newcomer Paper award

GOOD FAITH, GOOD PRACTICE Summer 2005
Lecture at the 2005 Floyd M. Riddick Practicum on Parliamentary Procedure,
American Institute of Parliamentarians

NURTURING INDEPENDENT SCHOLARSHIP IN HONORS PRORAMS 2005
US National Collegiate Honors Conference, St. Louis, Missouri, USA

TRUTH, TRUST, AND THE TEXTUAL CAMERA Oct 2004
Refereed (hypertext) paper and talk on hypertext and nonfiction theory
WWW@10 conference, Rose Hulman Institute of Technology, Terra Haute IN

BAD BLOOD & BROTHERLY LOVE, 2004
Refereed exhibit and talk US National Collegiate Honors Conference, New Orleans, Miss

EVENTS & TALKS

SOLIDARITY AND SOFTWARE ENGINEERING June 2010
Soap Box Symposium, London

CONVENOR AND READER, BIBLICAL POETRY EVENING June 2010
Experimental poetry reading, Round Church, Cambridge

EMBERLIGHT: VISUAL THINKING ONLINE May 2010
Unconference talk at Lean Camp London

EVENTS & TALKS	COLLABORATIVE HYPERTEXT PRACTICE & TOOLS: <i>One of several headline speakers at Tinderbox Weekend London 2010</i>	May 2010
	GETTING OUT OF THE SOFTWARE FACTORY <i>Unconference talk at BarCamb 2010, Cambridge UK</i>	April 2010
	AUTHORING ENVIRONMENTS FOR ELECTRONIC LITERATURE <i>Unconference talk at Intersection Publishing London 2010</i>	April 2010
	OPERATIONAL MEDIA: DECISION-MAKING ONLINE <i>Invited lecture at ARCDigital Research Institute, Anglia Ruskin University</i>	Feb 2010
	CONVENOR, E-LIT CAMP BOSTON <i>Organised a weekend conference on electronic literature practice</i>	Dec 2009
	SYNCHRONIZED RUBY AND JAVASCRIPT LOCALISATION <i>Unconference talk at RailsCamp Margate</i>	Oct 2009
	INTRODUCTION TO SOFTWARE ENGINEERING PRACTICE <i>Invited lecture,, King's College School, Wimbledon, UK</i>	Oct 2009
	TIMELINES FOR ONLINE CITIZEN CASE MANAGEMENT <i>Unconference talk, BarCamp Transparency Oxford</i>	July 2009
	THE ETHICS OF SOFTWARE DOCUMENTATION <i>The New Knowledge Forge, University of Porto</i>	June 2008
	GLOBAL TRENDS IN HIGHER EDUCATION <i>Graduate talk, St. John's College, Cambridge</i>	April 2008
	NEW RESEARCH IN SPATIAL HYPERTEXT <i>Tinderbox Weekend Cambridge</i>	April 2007
	SCHOLARLY TOOLS FOR THE DIGITAL AGE <i>Graduate talk, St. John's College, Cambridge</i>	2006
	METHODS OF HYPERMEDIA DOCUMENTARY <i>Invited talk, E-Narrative Boston '06</i>	2006

PUBLIC ARTICLES	HOW A REALTIME SMS QUESTIONS SERVICE SCALED TO SUPER BOWL TRAFFIC WITH RAILS <i>Technical article, RailsInside</i>	Spring 2010
	TECHNOLOGY WRITER, SITEPOINT <i>Contributing writer (9 articles) on web and database technology for Sitepoint, a publication for software developers</i>	early 2000s

EDUCATION	UNIVERSITY OF CAMBRIDGE <i>Cambridge, UK — BA, English Literature, 2008</i>
	ELIZABETHTOWN COLLEGE <i>Elizabethtown, PA USA — BA, English Literature, 2006</i>

SKILLS	<p>Software: Polyglot, Agile, Test-driven development in Rails, Javascript, Jython, C#, Java, and PHP. Experience optimizing web applications with SQL and NoSQL databases such as MySQL and CouchDB.</p> <p>Design: Extensive experience imagining and implementing visual design for websites and web applications using Javascript and CSS. Competent with print design using Illustrator.</p> <p>Writing: Extensive experience with technical writing at all levels. Extensive experience translating among technical, creative, and business approaches. Extensive experience with visual communication. Passable poet. Horrid at short stories.</p> <p>Organisational: Extensive experience with requirements gathering and other forms of technical meeting. Extensive experience with volunteer management. Experience managing business & sales relationships. Some experience negotiating business relationships.</p>
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References available upon request