

# Ryan M Harrison

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Education	University of Oxford (Oxford, UK) <b>DPhil in Computational Biophysics.</b> Wolfson College. <ul style="list-style-type: none"><li>• NIH-Oxford Scholar. Collaboration with US National Institutes of Health.</li><li>• Molecular simulation of DNA, image processing and time-series analysis.</li></ul> Johns Hopkins University (Baltimore, MD) BS in Biomedical Engineering. Minor in Economics. GPA: 3.26/4.00 <ul style="list-style-type: none"><li>• International summer research experience in Japan. 1 patent application.</li></ul> Danish Institute for Study Abroad (Copenhagen, Denmark) International Business Program. <ul style="list-style-type: none"><li>• Cultural immersion through homestay and language training (15 hrs/wk).</li></ul>	Expected Sept 2014 Sept 2005–Dec 2009 Sept–Dec 2009
Experience	<b>Technical expertise</b> NaturalMotion (Oxford, UK) <ul style="list-style-type: none"><li>• Presented core findings of R&amp;D project via non-technical demo to key stakeholders.</li></ul> Facebook Hackathon (London, UK) <ul style="list-style-type: none"><li>• Team of 3 developed distributed computing app in 24 hours. Honorable mention.</li></ul> Ginkgo BioWorks (Boston, MA) <ul style="list-style-type: none"><li>• Collaborated to integrate systems into automated DNA assembly pipeline.</li></ul> <b>Communication &amp; Collaboration</b> Maryland State Legislature (Annapolis, MD) <ul style="list-style-type: none"><li>• Prepared testimony and policy memos for state delegate with ~100k constituents.</li><li>• Coordinated to amend legislation for Health Committee, Insurance Subcommittee.</li></ul> Baltimore City Health Department (Baltimore, MD) <ul style="list-style-type: none"><li>• Data gathering and writing in team of analysts for Annual Health Report.</li><li>• Liased with epidemiologists for quantitative flu monitoring initiative.</li></ul>	Jun–Aug 2013 Apr 2013 Jan–May 2010 Jan–May 2009 Sept–Dec 2007
Extracurricular	<b>Demonstrated business interest</b> <ul style="list-style-type: none"><li>• Can read a 10-Q/K. Econometrics, corporate finance and strategy coursework.</li><li>• Oxford Student Consultancy Project</li><li>• Saïd Business School Building a Business Course</li><li>• Venture Capital and Biotech Conference Volunteer</li><li>• Conducted voluntary capstone project on alternate GDP measures.</li></ul> Executive Treasurer, JHU Engineers without Borders <ul style="list-style-type: none"><li>• Set up financial reporting structure for engineering development organization with \$100k/yr turnover. Financial oversight for teams operating in 3 countries.</li><li>• Presented annual financials to Dean of Engineering to secure continued support.</li></ul>	Jan–Mar 2013 2012–2013 May/Sept 2012 2009 2006–2009
Honors	NIH Graduate Student Research Award (\$1k, <10%) National Science Foundation Graduate Research Program (\$120k, <10%) Inductee, National Gallery for America's Young Inventors (\$5k, <1%) 5th Place, Intel Science Talent Search (\$25k, <1%)	2011 2010 2006 2005
Hobby	Bow tie maker • Allotment gardener • Theater light tech	