

Ryan M Harrison

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Education	University of Oxford (Oxford, UK) DPhil in Computational Biophysics. Wolfson College. <ul style="list-style-type: none">• NIH-Oxford Scholar. Collaboration with US National Institutes of Health.• Molecular simulation of DNA, image processing and time-series analysis. Johns Hopkins University (Baltimore, MD) BS in Biomedical Engineering. Minor in Economics. GPA: 3.26/4.00 <ul style="list-style-type: none">• International summer research experience in Japan. 1 patent application.• Conducted needs analysis in team of 10 to build neck brace. 1 patent application. Danish Institute for Study Abroad (Copenhagen, Denmark) International Business Program. <ul style="list-style-type: none">• Cultural immersion through homestay and language training (15 hrs/wk).	Expected Sept 2014 Sept 2005–Dec 2009 Sept–Dec 2009
Experience	Technical expertise NaturalMotion (Oxford, UK) <ul style="list-style-type: none">• Developed and implemented R&D project in corporate Agile environment.• Presented core findings via non-technical demos to key stakeholders. Ginkgo BioWorks (Boston, MA) <ul style="list-style-type: none">• Collaborated to integrate systems into automated DNA assembly pipeline.• Exceeded software milestone payment requirements worth ~6 months burn. Communication & Collaboration Maryland State Legislature (Annapolis, MD) <ul style="list-style-type: none">• Prepared testimony and policy memos for state delegate with ~100k constituents.• Coordinated to amend legislation for Health Committee, Insurance Subcommittee. Baltimore City Health Department (Baltimore, MD) <ul style="list-style-type: none">• Data gathering and writing in team of analysts for Annual Health Report.• Liaised with epidemiologists for quantitative flu monitoring initiative.	Jun–Aug 2013 Jan–May 2010 Jan–May 2009 Sept–Dec 2007
Extracurricular	Demonstrated business interest <ul style="list-style-type: none">• Can read a 10-Q/K. Econometrics, corporate finance and strategy coursework.• Oxford Student Consultancy Project• Saïd Business School Building a Business Course• Venture Capital and Biotech Conference Volunteer• Conducted optional capstone project on alternate GDP measures. Facebook Hackathon (London, UK) <ul style="list-style-type: none">• Team of 3 developed distributed computing app in 24 hours. Honorable mention. Executive Treasurer, JHU Engineers without Borders <ul style="list-style-type: none">• Set up financial reporting structure for engineering development organization with \$100k/yr turnover. Financial oversight for teams operating in 3 countries.• Prepared and presented annual report to Dean of Engineering to secure continued support. Quarterly reports, accounts and budget guidance to team leaders.	Jan–Mar 2013 2012–2013 May/Sept 2012 2009 Apr 2013 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	