

Harrison Maxwell Davis

www.harrisonmdavis.com

EDUCATION

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|---|-----------------------------------|---------------------------|
| Ithaca, NY | Cornell University | Fall 2010- Present |
| <ul style="list-style-type: none">• B.S. in Computer Science with Concentration in Machine Learning, Expected May 2014• Overall GPA: 3.08, Major GPA: 3.29 | | |
| London, UK | University of Pennsylvania | Summer 2012 |
| <ul style="list-style-type: none">• Coursework: London Theatre; Documentary Writing: George Orwell and London | | |

EMPLOYMENT

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| CS 3110 Course Staff | Cornell University | Fall 2013- Present |
| <ul style="list-style-type: none">• Hold office hours, create, test, and grade problem sets, and monitor discussion board of approximately 300 students in CS 3110: Functional Programming | | |
| Software Engineering Intern | eBay Inc. | Summer 2013 |
| <ul style="list-style-type: none">• Researched machine learned algorithm to identify and recommend unique items for the homepage feed• Proposed and initiated research of social media interactions with the marketplace• Independently contributed to internal Scalding repository• Tools included NumPy, SciPy, scikit-learn, and Scalding | | |
| Computer Science Tutor | Cornell University | Fall 2012- Present |
| <ul style="list-style-type: none">• Provide students with supplementary instruction in CS 2110: Object-Oriented Programming and CS 3110: Functional Programming | | |
| Software Engineering Intern | Creative Mobile Technologies, LLC. | Winter 2011, Summer 2012 |
| <ul style="list-style-type: none">• Designed and developed an Android application using SOAP web services to be integrated in RideLinQ program• Assisted in redesign and deployment of corporate website | | |

LEADERSHIP

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| Musical Director | Cornell Chordials | Fall 2011-Present |
| <ul style="list-style-type: none">• Lead all aspects of the group, including auditions, rehearsals, and performances (15-20 hours per week)• Led group to 3rd place at International Championship of A Cappella• Produced <i>The Shadow Aspect</i>, featured on Voices Only 2013 | | |
| Diversity Representative | Chi Phi Fraternity | Spring 2012- Present |
| <ul style="list-style-type: none">• Promote equality in house to ensure brothers' emotional and physical wellbeing | | |
| Participant | Cornell LeaderShape Institute | Summer 2012 |
| <ul style="list-style-type: none">• One of forty students recommended and selected to attend institute. Developed a professional vision, explored personal strengths and weaknesses, and examined leadership strategies with peers | | |

PROJECTS

- **Flu Predictor** (Fall 2012): Twitter bot that identifies regions with a relatively high flu density using a Bayesian probability model. Python, Twitter

SKILLS /INTERESTS

- **Technical:** Python; Java; Scala; OCaml; C++; Matlab; Android; Hadoop; MapReduce; Git
- **Honors:** Engineering Global Fellow; Dwight D. Eisenhower West Point Leadership Award; Outstanding Member of the Class of 2014
- **Other Activities:** Association of Computer Science Undergraduates; Lightweight Varsity Football
- **Personal:** Spanish (Proficient); Piano; Guitar; Singing; Arranging; Football; Boating; Traveling