

# Harrison Maxwell Davis

www.harrisonmdavis.com

## EDUCATION

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

## EMPLOYMENT

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

## ACTIVITIES

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| <b>The Chordials</b>   | <b>September 2010- Present</b> |
| <ul style="list-style-type: none"><li>• Musical Director (September 2012-Present): Lead all musical aspects of group, including auditions, rehearsals, and performances. 3rd Place at International Championship of A Cappella. 15-20 hours per week.</li><li>• CD Producer (September 2012- Present): Produced <i>The Shadow Aspect</i>, featured on <i>Voices Only 2013</i>.</li></ul> |                                |
| <b>Chi Phi Fraternity</b>  | <b>January 2012- Present</b>   |
| <ul style="list-style-type: none"><li>• Diversity Representative (January 2013-Present)</li></ul>  |                                |
| <b>Cornell LeaderShape Institute</b>   | <b>May 2012</b>                |
| <ul style="list-style-type: none"><li>• 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.</li></ul>  |                                |
| <b>Lightweight Varsity Football</b>  | <b>Spring 2013</b>             |
| <b>Association of Computer Science Undergraduates</b>  | <b>September 2012-Present</b>  |

## TECHNICAL EXPERIENCE

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### Projects

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

## HONORS

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- Engineering Global Fellow; Outstanding Member of the Class of 2014; National Hispanic Recognition Program; Dwight D. Eisenhower West Point Leadership Award; Trail's End Camp Olympic Captain; 2<sup>nd</sup> Team All-NBIL Defensive End

## SKILLS

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- **Technical:** Java; Python; Scala; OCaml; C++; Matlab; Android; Hadoop; MapReduce; Git
- **Personal:** Spanish (Proficient); Piano; Guitar; Singing; Arranging; Football; Boating; Traveling