

# HARRISON DAVIS

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✉ harrisonmaxwelldavis@gmail.com 🌐 www.harrisonmdavis.com in hmdavis 📶 hmdavis

## EMPLOYMENT

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### eBay Inc

Software Engineer 3 · Aug 2014 to Current · New York, NY

- Member of combined data science/engineering team responsible for item discovery and user personalization on eBay marketplaces
- Primary product creator, researcher, and engineer of personalized content on the (to be released) homepage
- Awards: Spot Award Q4 2014, Spot Award Q4 2015, Critical Talent Award Q4 2015
- Promoted to Software Engineer 2 Q2 2015 and Software Engineer 3 Q2 2016
- Patent Pending: Generating a Discovery Page Depicting Item Aspects

Software Engineering Intern · May 2013 to Aug 2013 · New York, NY

- Researched machine learned algorithm to identify and recommend unique items for the homepage feed
- Initiated research of social media interactions with the marketplace
- Independently contributed to internal Scalding repository
- Tools included NumPy, SciPy, scikit-learn, and Scalding

### Cornell University

Course Staff · Aug 2013 to Dec 2013 · Ithaca, NY

- Held office hours, created, tested, and graded problem sets, and monitored discussion board of approximately 300 students in CS 3110: Functional Programming

Computer Science Tutor · Sep 2012 to Dec 2013 · Ithaca, NY

- Provided students with supplementary instruction in CS 2110: Object-Oriented Programming and CS 3110: Functional Programming

### Creative Mobile Technologies

Software Engineering Intern · May 2012 to Aug 2012 · Long Island City, NY

- Designed and developed an Android application using SOAP web services to be integrated in RideLinQ program

### Cornell Chordials

Music Director · Sep 2011 to May 2014 · Ithaca, NY

- Lead all aspects of the group, including auditions, rehearsals, and performances (15-20 hours per week)
- Produced full length album "The Shadow Aspect" (featured on Voices Only 2013 and Sing 10, rated 4.7/5.0 on RARB.org, received 3 Contemporary A Cappella Recording Awards nominations)
- 3rd place at 2013 International Championship of A Cappella
- Named one of "Ten Can't Miss American Collegiate A Cappella Groups of 2013" on acappellablog.com

## EDUCATION

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### Cornell University

B.S. Computer Science 2014

Honors: Engineering Global Fellow, Outstanding Member of the Class of 2014

Activities: Association of Computer Science Undergraduates, Lightweight Varsity Football, Chi Phi Fraternity, Cornell Chordials, Cornell LeaderShape Institute

### University of Pennsylvania

Penn-in-London Summer Abroad 2012

Coursework: London Theatre, Documentary Writing: George Orwell and London

## PROJECTS

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### MIT App Inventor

- Contributor through Facebook Open Academy
- Fixed bugs and prototyped an autocomplete search bar

## VOLUNTEERING

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The Leukemia & Lymphoma Society · Team In Training

Dec 2014 to Current

- Run long distance races to raise money for cancer research

Musicians on Call · Guide

Jun 2016 to Current

## SKILLS

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Python, Scala, Java, OCaml, SQL, Git, Hadoop, Algorithms, Pig, Recommender Systems, Research, Data Mining