HARRISON DAVIS

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EMPLOYMENT

eBay Inc

Software Engineer 1 · Aug 2014 to Current · New York, NY

• Member of combined data science/engineering team responsible for all merchandising and personalization algorithms for eBay marketplaces

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

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 LeaderShape Institute

University of Pennsylvania
Penn-in-London Summer Abroad 2012
Coursework: London Theatre, Documentary Writing: George Orwell and London

Northern Valley Regional High School at Demarest
Diploma 2010
Honors: Dwight D. Eisenhower West Point Leadership Award

PROJECTS

MIT App Inventor
Contributor through Facebook Open Academy

SKILLS

Python, Scala, Java, OCaml, JavaScript, C++, R, Hadoop, Node.js, LaTeX, SQL, Git, MapReduce, Android, Flask, Machine Learning, Algorithms