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## Education

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2010-14 CORNELL UNIVERSITY  
*College of Arts and Sciences, Bachelor of Arts in Music, summa cum laude*  
*Completed January 2014 - GPA 3.782/4.0*  
*Honors Thesis: "An Implementation of Google Glass in the Context of John Corigliano's Gazebo Dances"*

## Conducting and Music Leadership Experience

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2013 THE MIDWEST CLINIC  
*Clinician*  
Assisted Cynthia Johnston Turner in presenting CU Winds's Google Glass research in a rehearsal clinic.

2013 CORNELL UNIVERSITY DEPARTMENT OF MUSIC  
*Honors Candidate*  
Worked with Google Glass in rehearsal and performance contexts. Programming applications were focused on John Corigliano's *Gazebo Dances for Band*; the work was conducted in concert on November 22<sup>nd</sup>. Applications ("Glassware") developed (or ported) included a metronome, an application for the audience to view the conductor's perspective of the ensemble, and a miniature score viewer, allowing the conductor constant eye-contact with the ensemble while viewing the score peripherally. The final thesis included background information of the work, rehearsal and performance considerations, an errata list, and other texts about *Gazebo Dances*. It also discussed programming considerations for Google Glass, and ideas about extending its use in other aspects of conducting and music.

2013 CHARLES O. DICKERSON HIGH SCHOOL – TRUMANSBURG, NEW YORK  
*Teacher's Assistant to the Director of Bands*  
Taught Advanced Placement Music Theory and assisted with concert band, jazz band, guitar, and woodwind lessons on a weekly basis in cooperation with EDUC 2410: The Art of Teaching.

2013 MUSIC 3121: CONDUCTING  
*Teaching Assistant*  
Assisted in lectures, provided feedback during class, and assessed student progress during exams. Taught a guest lecture on score study with an emphasis on wind repertoire.

2013 FLEXIBLE THEATRE COMPANY  
*Pit Orchestra Director*  
Directed the pit orchestra for Cornell University's main stage musical, Stephen Sondheim's *Company*.

- 2012-13 CORNELL UNIVERSITY WIND SYMPHONY  
*Teaching Assistant*  
 Assisted in ensemble management, served as a rehearsal and sectional coach, authored program notes, and completed other duties as requested by the Director of Wind Ensembles for the 60-member Wind Symphony. Completed advanced studies in conducting and score study; conducted works in each concert by composers including Cindy McTee, Percy Grainger, Alfred Reed, and Philip Sparke.
- 2010-13 MELODRAMATICS THEATRE COMPANY, INC.  
*Pit Orchestra Director*  
 Conducted all rehearsals (including those with the cast), auditioned musicians, managed budget, and served as a liaison between staff and instrumentalists.  
 Productions Included:  
*Sweeney Todd: The Demon Barber of Fleet Street* Fall 2013  
*The 25<sup>th</sup> Annual Putnam County Spelling Bee* Spring 2013  
*bare: A Pop Opera* Fall 2012  
*Spring Awakening* Spring 2012  
*Rent* Fall 2011  
*Little Women: The Musical* Spring 2011  
*Dirty Rotten Scoundrels* Fall 2010
- 2012-14 CORNELL UNIVERSITY COMMENCEMENT WIND ENSEMBLE  
*Assistant Conductor*  
 Assists in ensemble management, managing payroll for 45 musicians, and logistics during the University Convocation, Ph.D. Hooding Ceremony, and Commencement. Conducts works during each event, with 35,000 to 40,000 people in attendance.
- 2010-13 CORNELL UNIVERSITY CLARINET STUDIO  
*Clarinet Student*  
 Studied soprano and bass clarinet privately with Lenora Schneller. Weekly lessons focus on tone, technique, and musicianship through traditional and modern clarinet repertoire.
- 2010- CORNELL UNIVERSITY WIND ENSEMBLE AND SYMPHONY ORCHESTRA ('11-'12)  
*Clarinetist and Bass Clarinetist*  
 Student tour leader for the biennial service and performance tour of Costa Rica and Panama in January 2014, Washington, D.C. in January 2013, and Costa Rica in January 2012.
- 2010-13 PARAMUS HIGH SCHOOL SPARTAN MARCHING BAND  
*Conducting Teacher and Audition Judge*  
 Taught the basics of effective Drum Major conducting to 15 students. Assisted in the final selection for Drum Major and other leadership positions.
- 2010-11 CORNELL PIANO SOCIETY  
*Piano and Music Theory Instructor*  
 Taught beginning piano and theory to Cornell students.
- 2011-12 "G MAJOR" WOODWIND QUINTET  
*Clarinetist*  
 Coached small ensemble under the Cornell University Department of Music and Registry of Small Ensembles. Performed at paid and volunteer opportunities throughout campus.
- 2009-10 PARAMUS HIGH SCHOOL SPARTAN MARCHING BAND – PARAMUS, NEW JERSEY  
*Drum Major, Field Captain*  
 Conducted the award-winning 120-member marching band during competitions, parades, and football games.

- 2006-10 NEW JERSEY HONOR BANDS  
*Clarinetist and Bass Clarinetist*  
 Accepted by audition to the New Jersey All-State Wind Ensemble, New Jersey All-State Symphonic Band, New Jersey All-State Orchestra, North Jersey Region Wind Ensemble, North Jersey Region Symphonic Band, North Jersey Junior Region Band, and Bergen County Band.

## Conducting Education

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- 2014 MUSIC 4121: ADVANCED CONDUCTING  
*Professor Chris Younghoon Kim, Director of Orchestras at Cornell University*  
 Intended to give students more experience with score study, rehearsal techniques and conducting vocabulary through weekly podium time and class discussion. Advanced conducting will continue topics covered in Conducting (3121). Ear training in the context of being able to hear the score will be an integral part of the course. Beat patterns and gestural vocabulary will be assumed and students will explore conducting in the orchestral, band, choral and mixed media. (From the 2013-14 Cornell Course Catalog)
- 2012-13 MUSIC 4901: INDEPENDENT STUDY, PRACTICUM IN WIND CONDUCTING  
*Professor Cynthia Johnston Turner, Director of Wind Ensembles at Cornell University*  
 An in-depth exercise in the activities of a wind ensemble director. Assisted in running the 60-member Cornell University Wind Symphony, attended and conducted during the biweekly rehearsals. Weekly independent meetings focused on in-depth score study techniques, advanced baton work, concert programming, and administrative duties. Conducting works in rehearsal and concert.
- 2013 MUSIC EDUCATION 40200: ADVANCED INSTRUMENTAL CONDUCTING AT ITHACA COLLEGE  
*Professor Stephen Peterson, Director of Bands at Ithaca College*  
 Studies and practices aimed toward improved clarity of basic stick technique through the use of unequal motions (rhythmic and melodic). Practical exploration of rehearsal techniques, with an emphasis placed on clarity and efficiency in solving problems of balance, ensemble, intonation, and phrasing. (From the 2012-13 IC Course Catalog)
- 2012 PRIVATE CONDUCTING LESSONS  
*Professor Chris Younghoon Kim, Director of Orchestras at Cornell University*  
 Advanced ear training, gestures, and score reading.
- 2012 MONTCLAIR STATE UNIVERSITY WEEKEND WIND CONDUCTING SYMPOSIUM  
*Conducting Participant — Allan McMurray and Thomas McCauley, Clinicians*
- 2012 UNIVERSITY OF MICHIGAN BAND CONDUCTING AND PEDAGOGY SYMPOSIUM  
*Conducting Participant — Michael Haithcock, Rodney Dorsey, Jerry Schwiebert, John Pasquale, and Scott Boerma, Clinicians*
- 2012 MUSIC EDUCATORS OF BERGEN COUNTY, INC WIND CONDUCTING SYMPOSIUM  
*Wind Ensemble Performer — Mallory Thompson, Clinician*
- 2011 MUSIC 4121: CONDUCTING  
*Professor Cynthia Johnston Turner, Director of Wind Ensembles at Cornell University*  
 Fundamentals of score reading, score analysis, rehearsal procedures, and conducting technique; instrumental and choral contexts. (From the 2011-12 Cornell Course Catalog)
- 2009-10 PRIVATE CONDUCTING LESSONS  
*Gregory Mulford, Director of Bands at the Roy W. Brown School in Bergenfield, New Jersey*  
 An introduction to baton movement, rehearsal technique, and gestures.

## Employment

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- 2014 CORNELL UNIVERSITY DEPARTMENT OF MUSIC  
*Research Associate, Integrating Google Glass with Music Performance*  
Develops “Glassware” to successfully integrate Google Glass with music performance. Applications further those developed during the *Gazebo Dances* honors project: a more robust score viewer, photo streaming tool, metronome, and a reverse metronome. Tools utilize both the web-based Mirror API (Python and Google App Engine) and the Glass Development Kit.
- 2013 CORNELL UNIVERSITY DEPARTMENT OF COMPUTER SCIENCE  
*Teaching Assistant, Introduction to Web Design and Programming*  
Graded homework, led weekly office hours, answered questions on a class forum, assisted in course administration, and taught a guest lecture on consuming APIs in PHP.
- 2012 CORNELL UNIVERSITY DEPARTMENT OF MUSIC  
*Webmaster, cuwinds.com*  
Managed CU Winds’s domain, built on Wordpress. Designed and implemented a library database that utilizes Cornell’s Shibboleth authentication protocol. Implemented Google Apps for email and mailing list services. Administered Ubuntu Virtual Private Server.
- 2013 BLUE LAKE FINE ARTS CAMP – TWIN LAKE, MICHIGAN  
*Cabin Counselor, Music Theory Assistant*  
Lived with and directly cared for 44 campers in total (11 per session), ages 12-16, for nine weeks. Played principal bass clarinet in three ensembles (staff band, faculty band, and faculty orchestra) and assisted in all aspects of the music theory program: proctored the placement exam, taught ear training to dozens of students, and taught private and group lessons in classical and basic jazz theory. Provided piano accompaniment for the Staff Showcase. Assisted in the arranging, accompanying, and teaching of 66 campers for each session’s All-Camp Sing.
- 2012-13 CORNELL UNIVERSITY LAB OF ORNITHOLOGY  
*Web Programming Intern*  
Designed a mobile bird song player for Android that integrates with private .NET and Java web services and Google’s Geocoding API.
- 2010-12 CORNELL INFORMATION TECHNOLOGIES  
*HelpDesk Supervisor, Application Developer*  
Supervised 20 student consultants. Maintained in-house student management system (used for employee records, scheduling, hiring, and Active Directory permit administration) and a Wordpress and Wiki deployment. Provided frontline support of technology services (including Exchange and Google Apps, Lyris List Manager, Network Identities, Active Directory, and more) for students, faculty, staff, and alumni at Cornell University.
- 2009-10 MUSIC AND ARTS CENTER – PARAMUS, NEW JERSEY  
*Part-Time Sales*  
Sold instruments, accessories, and sheet music. Facilitated instrument rentals. Second-highest selling part-time salesperson.

## Honors, Awards, and Affiliations

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- 2013 Cornell University Honors Candidate
- 2013 Cornell University Department of Music John James Blackmore Prize (Awarded to one student per year)

2013-	College Band Directors National Association (Student Membership)
2012-14	Member of the National Society of Collegiate Scholars (Offered to the top 20% of each Cornell class)
2011-13	Cornell University Dean's List
2011-12	Member of Cornell University's Committee on Information and Technologies
2010	Eagle Scout Recipient
2010	The William C. Brudnick Community Service Award (Temple Shalom – River Edge, NJ)
2010	Advanced Placement Scholar with Honors
2010	Paramus High School Graduation Speaker on Achievement (Nominated by faculty, decided by graduates)
2010	Xerox Award for Innovation and Information Technology
2010	Paramus High School "Outstanding" Award in Music (Given to one student per year)
2010	Paramus High School Louis Armstrong Jazz Award (Given to one student per year)
2010	Bergen County Counselors' Caring Award Recipient
2009	New Jersey Governor's School Finalist
2009	RYLA Service Finalist
2009	Boys State Finalist