

TYLER L. EHRLICH
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Education

- 2014- UNIVERSITY OF GEORGIA – HUGH HODGSON SCHOOL OF MUSIC
Master of Music in Performance: Conducting
Georgia T-4 Public School Teaching Certification
Expected Date of Completion: January 2017 – GPA 4.0/4.0
- 2010-14 CORNELL UNIVERSITY – COLLEGE OF ARTS AND SCIENCES
Bachelor of Arts in Music, summa cum laude
Completed January 2014 – GPA 3.782/4.00
Honors Thesis: “An Implementation of Google Glass in the Context of John Corigliano’s Gazebo Dances”

Conducting, Teaching, Performance, and Other Experience

The University of Georgia – Hugh Hodgson School of Music

Conducting

Hodgson Wind Ensemble, UGA Wind Symphony, and UGA Symphonic Band – Teaching Assistant

Assists in ensemble management, conducts works in rehearsal and concert, serves as a substitute conductor in the event of the director’s absence, assists in logistics for tours and festivals, authors program notes, records attendance, serves as the liaison with the Performing Arts Center staff, and completes other duties as requested by the director.

Hodgson UBand – Instructor of Record and Director

Serves as the conductor of the 65-member Hodgson UBand. Conducts all rehearsals and concerts, programs repertoire, manages auditions for chair placement, records grades, and completes all other responsibilities of running a university ensemble and course.

University of Georgia Redcoat Marching Band – Staff Member

Attends all rehearsals, home games, and selected away games; authors and sets drill, assists in teaching marching fundamentals, serves as a sectional coach, records attendance, and completes all other duties as requested by the directors of the 450-member Redcoat Marching Band.

University of Georgia Volleyball Band – Graduate Assistant

Supervises the student band captains and conducts in their absence, assists in running preseason rehearsals, corresponds with UGA Athletic Association staff members before and during games to coordinate when to perform, logs attendance, and completes other duties as requested by the Associate Director of Athletic Bands.

University of Georgia Contemporary Chamber Ensemble – Guest Conductor

Serves as a guest and substitute conductor for UGA’s premiere new music ensemble.

Teaching

Music 5270/7270: Advanced Conducting – Teaching Assistant

Assists in course logistics, serves as a substitute instructor in the event of the professor's absence, provides feedback to students while conducting, holds office hours, records attendance, and completes other duties as requested by the instructor.

Private Conducting Lessons

Teaches private lessons to undergraduate music majors in score study, wind literature, baton technique, and movement.

Administration

Website Management and Software Development

Designing and implementing the migration from an in-house Apple Xserve to a Linux-based cloud platform for the UGA Bands and Wind Ensembles. Currently rewriting Filemaker-based applications in Laravel, a PHP-based framework. Data-driven applications consist of a concert library, a personnel manager for the 450-member Redcoat Marching Band, instrument inventory tools, and a web application to manage data for the Middle and High School Band Festivals. Supervising an undergraduate student who is assisting with these programming projects.

Cornell University – College of Arts and Sciences

Conducting

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.

Cornell University Commencement Wind Ensemble

Assisted in ensemble management, managed payroll for 45 musicians, and logistics during the University Convocation, Ph.D. Hooding Ceremony, and Commencement. Conducted works during each event, with 35,000 to 40,000 people in attendance.

Melodramatics Theatre Company – 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*, *The 25th Annual Putnam County Spelling Bee*, *bare: A Pop Opera*, *Spring Awakening*, *Rent*, *Little Women: The Musical*, and *Dirty Rotten Scoundrels*.

Flexible Theatre Company – Pit Orchestra Director

Directed the pit orchestra for Cornell University's main stage musical, Stephen Sondheim's *Company*.

CU Winds Chamber Dectet

Assembled and conducted a chamber dectet for CU Winds's spring banquet.

Teaching

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.

Charles O. Dickerson High School in 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.

Computer Science 1300: Introduction to Web Design and Programming – Teaching Assistant
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.

Cornell Piano Society

Taught beginning piano and music theory to Cornell students.

Performance

Cornell University Wind Ensemble

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.

Private lessons on clarinet and bass clarinet

Studied with Lenora Schneller, Cornell University Instructor of Clarinet. Participated in a bass clarinet masterclass with the bass clarinet duo *Sqwonk*.

Other performances included concerts with the Cornell Symphony Orchestra, small chamber ensembles, and solo performances.

Thesis Summary

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 22nd, 2013. 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.

Additional Conducting, Teaching, and Judging

2015 *D.M.A. Recital: Robert Moser, Trumpet*

2015 *D.M.A. Recital: Hanna Lisa Stefansson, Composer*

2014 *Sigma Alpha Iota Erica Stoffel-Murray Scholarship – Judge*

2015 *University of Georgia Double Reed Ensemble – Conductor*

Conducted the 80-member double reed ensemble in rehearsal and concert for UGA’s 2015 Double Reed Day.

2011- *Paramus High School Spartan Marching Band*

Instruction of marching fundamentals and conducting techniques to officer candidates. Assists in final judging and selection.

Research Publications, Presentations, Grants, and Citations

- 2015 WASBE: WORLD ASSOCIATION OF SYMPHONIC BANDS AND ENSEMBLES
"An Introduction to Using Google Glass in the Rehearsal and Conducting Lab"
- 2015 UNIVERSITY OF GEORGIA INTERDISCIPLINARY RESEARCH CONFERENCE
"Google Glass and the 21st Century Digital Conductor's Musical Stand"
- 2015 UNIVERSITY OF GEORGIA COLLEGE DIVISION OF THE NATIONAL ASSOCIATION FOR MUSIC EDUCATION
"An Introduction to Music Technology for the Music Educator"
- 2014 UNIVERSITY OF GEORGIA IDEA LAB MINI GRANT
"Building the 21st Century Digital Conductor's Musical Stand"
- 2014 FINALIST FOR THE UNIVERSITY OF GEORGIA SPOTLIGHT ON SCHOLARSHIP RESEARCH COMPETITION
"Building the 21st Century Digital Conductor's Musical Stand"
- 2014 CBDNA: ITHACA COLLEGE CONFERENCE ON INSTRUMENTAL MUSIC EDUCATION
"An Introduction to Using Google Glass in the Rehearsal and Conducting Lab"
- 2014 PAPER CITATION BY THOMAS RHODES & SAMUEL ALEN, CARNEGIE MELLON UNIVERSITY
"Performing Arts in the Wearable Age"
- 2014 PRESENTATION CITATION AT THE NATIONAL ENDOWMENT FOR THE ARTS BY HAYES RAFFLE, GOOGLE
"Technologies for Creative Expression"
- 2014 CORNELL UNIVERSITY UNDERGRADUATE THESIS
"An Implementation of Google Glass in the Context of John Corigliano's Gazebo Dances"
- 2014 PRESENTATION CITATION AT THE WORLD ARTS SUMMIT BY HAYES RAFFLE, GOOGLE
"Technologies for Creative Expression"
- 2013 THE MIDWEST CLINIC
"An Introduction to Using Google Glass in the Rehearsal and Conducting Lab"
- 2013 JANET'S JAUNT, A CORNELL UNIVERSITY DISCUSSION AND PRESENTATION SERIES
"Implications of Google Glass in Music Today"
- 2013 CONSORTIUM OF COLLEGE AND UNIVERSITY MEDIA CENTERS: DONALD A. RIECK RESEARCH GRANT
"Wearable Hands-Free Technology: Evolving Higher Education in the 21st Century"
Cynthia Johnston Turner, PI & Tyler Ehrlich, Co-PI

Conducting Education

- 2015 MICHIGAN STATE UNIVERSITY CONDUCTING SYMPOSIUM
Conducting Participant — Kevin Sedatole and Kevin Noe, Clinicians
- 2015 UNIVERSITY OF CINCINNATI COLLEGE-CONSERVATORY OF MUSIC CONDUCTING WORKSHOP
Conducting Participant — Jerry Junkin and Glenn Price, Clinicians
- 2015 INDEPENDENT STUDY IN ORCHESTRAL REPERTOIRE AND CONDUCTING TECHNIQUES
Professor Mark Cedel, Director of Orchestras at The University of Georgia

- 2014-15 MUSIC 8000: PRACTICUM IN CONDUCTING
Professor Cynthia Johnston Turner, Director of Bands at The University of Georgia
- 2014-15 INDEPENDENT STUDY IN WIND REPERTOIRE
Professor Jaclyn Hartenberger, Associate Director of Bands at The University of Georgia
- 2014 ITHACA INTERNATIONAL CONDUCTING MASTERCLASS
Auditor — Carl St. Clair, Clinician
- 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, Previous 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, Previous 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

- 2014- THE UNIVERSITY OF GEORGIA HUGH HODGSON SCHOOL OF MUSIC
Research Associate, Hodgson Google Glass Lab
 Funded by a grant from the Consortium of College and University Media Centers, develops “Glassware” applications for Google Glass for music performance and pedagogy. Supervises undergraduate research assistants.
- 2014- THE UNIVERSITY OF GEORGIA HUGH HODGSON SCHOOL OF MUSIC
Graduate Teaching Assistant
 (Responsibilities listed above.)
- 2014 CORNELL UNIVERSITY DEPARTMENT OF MUSIC
Research Associate, Integrating Google Glass with Music Performance
 Developed “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
 (Responsibilities listed above.)
- 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 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.
- 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.

Professional Affiliations

- 2015- The National Association for Music Education (College Membership)
- 2015- The Professional Association of Georgia Educators
- 2013- The College Band Directors National Association (Student Membership)
- 2012-14 The National Society of Collegiate Scholars (Offered to the top 20% of each Cornell class)

Professional Honors and Awards

- 2015 The Clementi L. Holder Student Travel Scholarship
- 2013 Cornell University Honors, *summa cum laude*
- 2013 Cornell University Department of Music John James Blackmore Prize
- 2011-13 Cornell University Dean's List
- 2011-12 The Committee on Information and Technologies at Cornell University
- 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

Repertoire and References

Available upon request.