ETHAN LUSTIG, Ph.D.

585-210-0688
Ethan@EthanLustig.com
EthanLustig.com

Education

2016-21 Ph.D., Music Theory, Eastman School of Music, University of Rochester (Advisor: David Temperley)
- Dissertation on a new cognitive model and algorithm for predicting music taste.

2014-16 M.A., Music Theory, Eastman School of Music, University of Rochester
- Schenkerian analysis, music perception & cognition, post-tonal music, history of theory, pedagogy, keyboard skills, counterpoint, statistics, and experimental design.

2014 Study abroad, Université de Mons, Belgium
- Created new performance environments by integrating motion capture, dance, and new musical interfaces. Collaboration with engineering students.

2010-14 B.A., Music Theory (Honors), University of British Columbia (Advisor: John Roeder)
- Pop analysis, composition, film scoring, rhythm & meter, world music, and acoustics.

Publications

2023 "Comparing Christmas Carols: IP Issues In Mariah Carey Case." In *Law360: Expert Analysis*. www.law360.com/articles/1774541

2023 "The FAV Corpus: An audio dataset of favorite pieces and excerpts, with formal analyses and music theory descriptors." With David Temperley. *Proceedings of the 24th International Society for Music Information Retrieval (ISMIR)*, Milan.

2023 "Copyright Cheat Sheet: Finding Substantially Similar Songs." In *Law360: Expert Analysis*. www.law360.com/articles/1712559

2021 "The effect of perceived complexity and formal location on musical preference." Ph.D. Dissertation, Eastman School of Music. Advisor: David Temperley.

2020 "All about that bass: Audio filters on basslines determine groove and liking in electronic dance music." With Ivan Tan. *Psychology of Music* 48/6, 861-875.

2019 "Anticipatory syncopation in rock: A corpus study." With David Temperley and Ivan Tan. *Music Perception* 36/4, 353-370.

2018   "Part-invariant model for music generation and harmonization." With Yujia Yan,
         Joseph VanderStel, and Zhiyao Duan. *Proceedings of the 19th International Society for
         Music Information Retrieval (ISMIR),* Paris.

Presentations

2023   "The FAV Corpus: An audio dataset of favorite pieces and excerpts, with formal
         analyses and music theory descriptors." With David Temperley. *24th International
         Society for Music Information Retrieval (ISMIR),* Milan.

2018   "Part-invariant model for music generation and harmonization." With Yujia Yan,
         Joseph VanderStel, and Zhiyao Duan. *19th International Society for Music Information
         Retrieval (ISMIR),* Paris.

2017   "Anticipatory syncopation in rock." With Ivan Tan and David Temperley. *Society
         for Music Perception and Cognition (SMPC)*, San Diego.

2016   "All about that bass: Timbre and groove perception in synthesized bass lines."
         With Ivan Tan. *International Conference for Music Perception and Cognition
         (ICMPC)*, San Francisco.

2016   "Groove perception in music." Research presentation, Eastman School of Music.

2014   "Toward a naive analysis: Transcribing Western art music." *Joint Meeting of
         Analytical Approaches to World Music (AAWM) and the British Forum for
         Ethnomusicology (BFE)*, London.

Grants, scholarships, & fellowships

2015-19   Social Sciences and Humanities Research Council (SSHRC) Doctoral
         Fellowship ($80,000)

2014-19   Robert L. and Mary L. Sproull Fellowship, Eastman School of Music, University
         of Rochester ($90,000)

2011   Student Scholarships in Arts, University of British Columbia

2010   President's Entrance Scholarship, University of British Columbia

Disciplinary and university service

2020-   Music Theory Tutor, *JMTP* (*Journal of Music Theory Pedagogy*) *Tutoring Program*

2019   Reviewer, *Psychology of Music*

2016   Volunteer, *Society for Music Theory/American Musicological Society*

2015-18   Publicity Manager, *Intégral*
- *Intégral* is a music theory journal run by Eastman graduate students. I designed and distributed flyers, e-announcements, calls for papers, and ad exchanges with other journals.

Work experience

2022-   Artificial intelligence trainer (Online)
- Optimizing artificial intelligence chatbots through iterative conversations, correcting its music theory reasoning, etc. Clients include Anthropic, Meta, Google.

2020-   Forensic musicologist
- *Johnson and Johnson, LLP Law Firm* (Beverly Hills, CA): In 2020, I was the musicology expert for plaintiffs in the Bad Bunny "Safaera" case, which settled out of court (AOM Music, Inc. v. Benito Antonio Martínez Ocasio et al., 2:21-cv-07691, US District Court, Central District of California). (Client: Neville L. Johnson)
- *Billionaire Burke* (NYC): In 2021, I assessed the similarity of two hip-hop songs. (Client: Billionaire Burke)
- *Heninger Garrison Davis, LLC Law Firm* (Birmingham, AL): In 2022, I provided my in-depth expert opinion on music used in a Fortune Top 5 corporation's TV commercial. (Client: W. Lewis Garrison, Jr.)
- *McLaughlin & Stern, LLP Law Firm* (NYC): In 2023, I was retained to produce an opinion letter on alleged infringement in rap music. (Client: Chester R. Ostrowski)
- *Landry Legal, PLLC* (NYC): In 2023, I opined on the similarity of two R&B songs. Client: James Landry.

2019-   Music and audio professional (Online)
- Music consulting, sonic branding/jingle creation, audio engineering (mixing & mastering), custom production, songwriting, and composition for music libraries (incl. ScoreKeepers, Triple Scoop Music) for film & TV. Music featured by companies including Adobe.

2019-   Director, Talent Speaks Voice-Over Agency (Online)
- TV spots, radio spots, audio books, explainer videos, phone trees. Client communication, audio editing, and post-production. Recruiting, training, and managing voice artists in four languages (English, Spanish, Italian, German).

2018-   Music educator (Online students)
- Lessons and tutoring in production, composition, mixing & mastering, music theory, ear training, sight-singing, piano. Creating custom lesson plans and homework assignments for my students. Ranging from kids to advanced doctoral students.

2021-22   Music licensing, EtherWorks Media (Palm Springs, CA)
- Synch licenses, cue sheets, liaison for cable TV music-documentary series.

2019-21   Artist management & audio engineer, MXU Beats (Los Angeles)
- Production, mixing & mastering, promotion (blogs, radio, playlists).

2019-20   Consultant, Avec Audio (Los Angeles)
- Avec Audio is a startup bridging the production music library and custom music request spaces. I developed a criteria/quality-rating system for uploads, as well as consulting on the UX and building the FAQ and explainer video.

2019   Recording studio manager (Los Angeles)
- Assisted with recording sessions. Managed scheduling. Oversaw a media campaign (content, ads, outreach, discount codes) to promote the studio and gain clients. Kept studio clean, handled food & gear orders. Recruited, trained, and managed interns.

2019   Private English tutor (Guadalajara, Mexico)
- Taught lessons in grammar, business English, conversational English.

2018   Composer & arranger (Rochester, New York)
- Edited and arranged a high school musical, prepared scores and parts.

2018   Church pianist (Rochester, New York)
- Played hymns, classical, and pop music in Episcopal, Baptist, and progressive churches. Sunday services, weddings, and funerals.

2018   Editor & proofreader for *The Architecture of Music* by Greg Aranda (Online)
- Edited the prose for clarity; proofread the figures; penned the foreword.

2017-18   Music Cognition Lab Assistant (Eastman School of Music, University of Rochester)
- Marketing and facilitating symposia and meals; office maintenance.

2016-17   Coder, Natural History of Song Discography team (Online)
- Analyzed transcriptions of field recordings from around the world; made decisions about musical features (key, meter, form, etc.).

2015-18   DJ & promoter (Rochester, New York)
- DJ'ed in bars, clubs, raves, fundraisers, private parties. Marketed and organized events. DJ crew featured on front cover of newspaper with over 200,000 weekly readers.

2013   Research Assistant, German Department (University of British Columbia)
- Edited and formatted the bibliography of German Professor Kyle Frackman.

2006-14   Rock and jazz musician (Victoria & Vancouver, Canada)
- Played drums and keyboards in five rock and jazz groups, completed three albums, and played live shows.

Media appearances

2021   "PlaneTones" (ABC, CBS)
- TV series about electronic music. I provided musicological commentary.

Teaching experience

2024-   Professor, Faculty of Music, UNAM (Mexico City)
- UNAM (Universidad Nacional Autónoma de México) is often considered the top teaching and research institution in Mexico, indeed in all of Latin America. I teach English in the Music Faculty to undergraduates.

2023-   Professor of Audio, CENTRO (Mexico City)
- CENTRO is an elite private arts university in Mexico City. I teach audio post-production (in Spanish) to undergraduates.

As a teaching assistant at the Eastman School of Music, I taught:

2017-18   Model Composition & Tonal Analysis III/IV
- Sophomore written theory. Chromatic harmony; composition of fugue, sonata expositions, art song; popular music harmony and form.

2016-17   Aural Musicianship III/IV
- Sophomore aural skills. Chromatic dictation and sight-singing; keyboard skills; tenor and soprano clef; performing complex rhythms; hearing sonata form.

2015-16   Model Composition & Tonal Analysis I/II
- Freshman written theory. Harmonic counterpoint; keyboard skills; diatonic harmony; sequences; binary and ternary form; composition of minuets.

2014-15   Aural Musicianship I/II
- Freshman aural skills. Dictation of diatonic melody and harmony; scale-degree skills; sight-singing; alto clef.

2014-   Private tutor
- Years of experience with one-on-one tutoring of dozens of different students, ranging from kids to advanced doctoral students.

Additional experience

Won multiple tournaments and championships as a debater, attending the Nationals, Provincials, & the World championship qualifier.

Technological skills

Ableton Live, AI Prompting, Audacity, Adobe Illustrator, ChatGPT, iZotope Ozone, iZotope RX, Logic Pro X, Max/Msp, Music21, Photoshop, Praat, Python, Sonic Visualizer, SPSS, SubmitHub, Traktor, Zotero.