

Jocelyn Kavanagh
Academic Professional
Georgia Tech School of Music

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I. Earned Degrees

Master of Science in Music Technology May 2023
Georgia Institute of Technology, Atlanta, Georgia
Advisor: Gil Weinberg

Bachelor of Science in Music Technology May 2022
Georgia Institute of Technology, Atlanta, Georgia
Minor: Computing and Media

II. Employment History

Academic Professional, Technical Director August 2023 – Present
School of Music, Georgia Institute of Technology

- Teach one music technology course each semester
- Manage school equipment inventory and spaces, including facilitating student and faculty checkout
- Hire, train, and supervise 6 student assistants to record and stream over 60 concerts a year and manage equipment
- Coordinate tech fee proposals and other major technical purchases
- Oversee production, recording, and streaming for the Guthman Musical Instrument Competition
- Assist with building renovation projects and major repairs

Graduate Marketing Assistant August 2022 – May 2023
School of Music, Georgia Institute of Technology

- Managed day-to-day marketing operations to support School's strategic goals
- Strategized and produced content for website, social media, and e-blasts
- Promoted over 60 events per year, including Guthman Musical Instrument Competition

Student Assistant February 2019 – August 2022
School of Music, Georgia Institute of Technology

- Produced content for website and social media
- Promoted over 60 events per year, including Guthman Musical Instrument Competition
- Organized the 2021 Guthman Musical Instrument Fair, an online fair event with international exhibitors and guests, ~300 virtual attendees
- Supported admin staff in tasks including filing, research, meeting with visiting students

Tech Ops Intern

Summer 2022

Carbon, Redwood City, California

- Developed automation scripts in PowerShell and SQL to manage user account info across Oracle, AWS Redshift, and Active Directory
- Sourced and installed a network assisted storage unit for automated transfer between 3 systems and a CT scanner
- Installed and evaluated audio-visual conferencing hardware

Artistic Director

Summer Seasons 2015 - 2019

Comtra Theatre, Cranberry Township, Pennsylvania

- Directed 11 stage productions along with their scenic construction, lighting design, sound design, and marketing
- Executed theatre's top grossing productions, generating \$14,000 per show

III. Honors and Awards

Provost's Academic Excellence Award, Georgia Institute of Technology

April 2022

Kim Scott Logan Award, Georgia Tech School of Music

January 2021

ADVANCE Women of Excellence Award, Georgia Tech College of Design

April 2020

IV. Summary of Higher Education Administrative and Leadership Experience**Technical Director***Georgia Tech School of Music*

- Coordinate technical projects in the school including concert streaming, equipment management, technical purchases, and construction projects
- Hire and supervise student assistants for concert streaming and equipment management
- Coordinate tech fee proposals and other major technical purchases
- Oversee production, recording, and streaming for the Guthman Muscial Instrument Competition

V. Education and Mentorship**A. Courses Taught**

Spring, 2025, <i>Upcoming</i>	MUSI3450	Survey of Music Technology	50 students
Fall, 2024	MUSI1801	Intro to Music Technology	18 students
Fall, 2024	MUSI2525	Intro to Audio Technology I	16 students
Spring, 2024	MUSI3450	Survey of Music Technology	48 students
Fall, 2023	MUSI2525	Intro to Audio Technology I	27 students

Co-Instructor

Spring, 2025, <i>Upcoming</i>	VIP	VIP-Interactive Music Group	12 students
Fall, 2022	GT1000	GT Freshman Seminar	13 students

B. Educational Innovations and Other Contributions

Instructional materials created for MUSI1801 Intro to Music Technology.	2024
Co-taught 30 high school student in Music Technology Pre-College Session.	2024
Instructional materials created for Music Technology Pre-College Session.	2024
Instructional materials created for MUSI3450 Survey of Music Technology.	2024
Instructional materials created for MUSI2525 Intro to Audio Technology I.	2023

C. Academic Advising and Guidance

Faculty Advisor for Buzz Committee RSO	2024-Present
Coordinator of Buzz Mascot Program, GT Athletics Association	2023-Present

VI. Research, Scholarship, and Creative Activities

A. Creative Products

Jazz@Megaron concert*, 2023. Developed probabilistic model and genetic algorithm for human-robot improvisation for use in the concert.

Robotic Musicianship Performance at ASC International Conference Awards Banquet*, 2022. Developed Game of Life system to generate movement and music for 6 robotic arms.

Robotic Musicianship Performance at GT President's Advisory Board reception*, 2022. Developed Game of Life system to generate movement and music for 10 robotic arms.

VII. Service

A. Institute Contributions

Member of Academic Faculty Senate	2024-Present
Member of Undergraduate Admissions Portfolio Review Committee	2024-2025
Member of Guthman Musical Instrument Submission Review Committee	2024
Member of Arts and Tech Degree Program Committee	May 2024
Member of Undergraduate Admissions Portfolio Review Committee	2023-2024
Member of Guthman Musical Instrument Submission Review Committee	2023
Member of College of Design Diversity, Equity, and Inclusion Council	2020-2022

VIII. Professional Growth and Development

Faculty Leadership Development Certificate, <i>In Progress</i>	2025
Georgia Tech Course Design Studio Online Course	2023