

Addison Miller

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SUMMARY

Trained as a programmer, pianist, composer, and writer, I aspire to bring my eclectic background to work that aligns with my values. My diverse academic and professional experience has equipped me to make major contributions in the workplace. I'm ready and excited to learn the skills I need to make a difference in the built environment, including but certainly not limited to spatial analysis.

EDUCATION

Case Western Reserve University (Cleveland, OH)

August 2021 – May 2025

Bachelor of Arts in Music and Computer Science, cum laude

Departmental Honors in Music

Minor in Political Science

- Awarded the Kennedy Prize for creative work in music
- Selected Coursework:
 - Intro to Machine Learning, Intro to Artificial Intelligence, Intro to Database Systems, Linux Tools and Scripting, Statistics (R)
 - Urban Economics, Making Public Policy, Social and Political Philosophy, and Lead Poisoning, Health, and Housing

EXPERIENCE

Sherwin-Williams

May 2024 - September 2024

IT Intern - Delivery and Release Engineering (40 hrs/wk)

Cleveland, OH

- Spearheaded the design and implementation of a new internal workflow tool deployed across team platforms
- Worked with team members to refine project specifications using agile methodology
- Made key contributions to the maintenance of critical platforms
- Communicated effectively with both technical and non-technical staff about project aims and outcomes

Inamori International Center for Ethics and Excellence

January 2024 - May 2025

Student Associate (5-10 hrs/wk)

Cleveland, OH

- Conducted research and wrote biographies on Inamori Ethics Prize nominees and winners
- Assisted with various tasks, ranging from office logistics to event programming choices

Cleveland Clinic Lerner Research Institute - Ken Baker Lab

September 2022 – December 2023

Research Assistant (40 hrs/wk during summer, 10 hrs/wk during school)

Cleveland, OH

- Designed and built a desktop application that empowered researchers with real-time data analysis
- Communicated with leaders and teammates about design specifications and presented progress updates and revisions at weekly standup meetings
- Made critical design and technical choices regarding project scope and technical details

Westchester County Board of Legislators

May 2021 – June 2021

Legislative Intern (40 hrs/wk)

Eastchester, NY

- Intern for the office of Damon Maher, establishing strong relationships with fellow legislative staff and Legislator Maher
- Produced policy reports and led constituent outreach efforts

SKILLS

- **Technical Skills:** Java, Python, Flask, GIS (QGIS), Relational databases (Microsoft SQL Server and postgres), Scikit-Learn, TensorFlow, Linux tools and scripting, R, MATLAB, JavaScript, Word, Powerpoint, Excel
- **Other Skills:** Policy writing, communication, argumentative writing, critical thinking, leadership, team collaboration, research

INVOLVEMENT

Music:

- **Performance:** Played solo and collaborative works, participating heavily in extracurricular chamber music. Proactively pursued performance opportunities, extra projects, and gigs.
- **Composition:** Composed experimental works for acoustic ensembles and electronics, for which I was awarded the Kennedy Prize.

Clubs:

- **Music Undergraduate Student Involvement Committee (MUSIC):** Vice President (2021-2025)
 - Responsible for organizing events, including recitals and social events, and executive meetings as Vice President, and spearheaded collaboration across institutions with the Cleveland Institute of Music (CIM). Launched, coordinated, and performed in a new recital series featuring CIM and CWRU student ensembles.
- **The Observer:** Contributing writer. Wrote opinion columns on local, national, and campus issues.