

Anabella Isaro

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BIO

I am a graduate of Northwestern University's Master's program in Artificial Intelligence. My work focuses on applied machine learning, multimodal understanding, and audio generation. At Northwestern University, I contributed to the Audio Interactive Lab and the Machine Learning and Language Lab, while professionally leading large-scale software architecture and automation projects at Tyler Technologies.

EDUCATION

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|---|---------------------|
| Northwestern University MS in Artificial Intelligence, GPA 3.77/4.00 | Jun 2023 – Dec 2024 |
| Worcester Polytechnic Institute BS in Computer Science, GPA 3.37/4.00 | Aug 2014 – May 2018 |

PROFESSIONAL EMPLOYMENT

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|---|---------------------|
| Lead Software Engineer Architecture, Tyler Technologies | Nov 2025 – Present |
| Senior Software Engineer Accounts Payable, Tyler Technologies | Mar 2019 – Nov 2025 |

RESEARCH EXPERIENCE

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| Northwestern University Audio Interactive Lab, Advisor: Bryan Pardo Machine Learning and Language Lab, Advisor: Manling Li | Sep 2023 – Present |
| Worcester Polytechnic Institute Emutivo Lab, Advisors: Prof. Emmanuel Agu, Elke Rundensteiner | Aug 2017 – May 2018 |

AWARDS

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| CSGrad4US Fellowship — National Science Foundation | 2026–2029 |
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PUBLICATIONS

- A. Dogrucu, A. Perucic, A. Isaro, D. Ball, E. Toto, E. A. Rundensteiner, E. Agu, R. Davis-Martin, and E. Boudreaux, “Moodable: On feasibility of instantaneous depression assessment using machine learning on voice samples with retrospectively harvested smartphone and social media data,” Smart Health, vol. 17, pp. 1–17, Apr. 2020. DOI: 10.1016/j.smhl.2020.100118.

TALKS

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| Optimizing Architecture and Workflow Automation in Public Sector Software Tyler Connect 2022 — Tyler Technologies Annual User Conference, Indianapolis, IN | May 2022 |
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TEACHING

Instructor — Digital Media Academy:

- Introduction to Artificial Intelligence with Python
- Object-Oriented Programming with Java
- Mobile App Development with Swift
- Applied Data Science and Machine Learning